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ABSTRACT

This is the third annual report on Tennessee's progress toward meeting statewide higher education goals delineated in the 1989 "Tennessee Challenge 2000" program. The report outlines the six goals, specific benchmarks for each goal, and the progress toward such goals and benchmarks accomplished over the last several years. The goals stipulate that by the year 2000, Tennessee will: (1) be among the leading Southern states in providing college education to its citizens; (2) be a national leader in improving the quality of instructional programs; (3) have colleges and universities ranked among the nation's best in teacher preparation; (4) have improved both the quality and quantity of research and public service at higher education institutions; (5) have colleges and universities able to compete for the very best faculty and staff; and (6) allocate sufficient resources to higher education institutions to allow them to meet the goals of the Tennessee Challenge 2000 program. The bulk of the report consists of 22 appendixes, which present data relevant to the attainment of the program goals and benchmarks. The data includes tables and charts on enrollment trends, degrees awarded, persistence-to-graduation, transfers, admissions, standardized test scores, accreditation, job placement, and expenditures. (MDM)

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TENNESSEE CHALLENGE 2000

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Third Annual Report
January 29, 1993

Tennessee Higher Education Commission
Arliss L. Roaden, Executive Director

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TENNESSEE CHALLENGE 2000

This is the third annual report of progress toward achieving goals established in *Tennessee Challenge 2000*. These goals were developed in 1989. Progress toward some of the goals has been faster than expected. On most goals, progress is proceeding as initially projected. On some others it appears that we have lost ground.

In the Second Session of the 97th General Assembly, an act was passed (Public Chapter 739) which greatly expanded the Tennessee Challenge 2000 report. This Act requires that additional information on accreditation, admissions, remedial programs, faculty effort, completion and job placement rates, and other areas be provided annually as part of this report. These new areas of reporting are woven throughout the report in an attempt to relate them to appropriate goals as set out in Tennessee Challenge 2000. With this expansion of the report, public higher education in Tennessee will supply to the Governor, the Legislature, the public, and students more information on the current nature and performance of postsecondary education than any other state in the nation.

GOAL A: **By the year 2000, Tennessee will be among the leading Southern states in providing college education to its citizens.**

Benchmarks:

1. By the year 2000, the combined headcount undergraduate enrollment of public higher education institutions in Tennessee will be over 206,000 students.

Table 1 presents the overall trend of undergraduate enrollment in public higher education in Tennessee over the past two years. This growth of over 15,000 undergraduate students since 1990 continues an upward trend which began five years ago. When the Challenge 2000 goals were set in 1989, it was projected that enrollment of undergraduate students would reach over 206,000. That would be an increase of around 60,000 students from 1989 to 2000. In the three years since that goal was set, enrollment has increased by over 23,000. If that rate of growth were to continue for the remaining eight years, total enrollment would be over 250,000 undergraduate students when the state enters the new century. A complete listing of Fall 1992 enrollments may be found in Appendix A.

Table 1: Undergraduate Enrollment

1990	1991	1992	% Change 1990-1992
154,959	163,882	170,409	9.97%

Table 2 shows the shifting enrollment patterns over the past several years. This shift and other enrollment trends are presented graphically in Appendix C.

Table 2: Undergraduate Enrollment by Institution Type

Type	1990	% of Total	1991	% of Total	1992	% of Total	% Change in Enrollment 1990-1992
University	90,492	58.40%	92,567	56.48%	94,262	55.32%	4.17%
Two-Year	64,467	41.60%	71,315	43.52%	76,147	44.68%	18.12%

Enrollment in public universities has grown over 6% since the Challenge 2000 goals were set in 1989; enrollment in two-year institutions has increased by almost 30% during that same period.

Following a national trend, the rate of enrollment of female students in undergraduate programs has increased more than enrollment of male students. This trend is shown in Table 3.

Table 3: Undergraduate Enrollment by Gender

Gender	1990	% of Total	1991	% of Total	1992	% of Total	% Change in Enrollment 1990-1992
Female	84,945	54.82%	90,588	55.28%	95,505	56.04%	12.43%
Male	70,014	45.18%	73,294	44.72%	74,904	43.96%	6.98%

2. By the year 2000, 50% of recent high school graduates will enroll in public higher education institutions in Tennessee.

One important means of improving the level of education of Tennessee's work force is to encourage more high school graduates to attend college. Table 4 indicates trends over the past two years in enrollment of these students.

Table 4: Enrollment of Recent Public High School Graduates in Tennessee Public Colleges

	1989 H.S. Graduates	1989-90 Enrollees	1990 H.S. Graduates	1990-91 Enrollees	1991 H.S. Graduates	1991-92 Enrollees
Number	44,610	20,573	44,872	20,084	43,944	19,979
Percent		46.1%		44.8%		45.5%

Although the total number of recent high school graduates who enrolled in public colleges in Fall 1992 declined from Fall 1991, this number produced a higher percentage. It must be recognized that the figures in table 4 are estimates based on indirect statistical methods since we do not yet have an exact means of tracing every high school graduate, particularly those who go out-of-state or who attend private institutions. The higher education enrollments also include students who graduated from private secondary schools.

3. By the year 2000, graduate and professional school enrollment in public universities will be adequate to meet the human resource needs of business, industry, government, education, and research in Tennessee.

Graduate and professional school enrollment, as shown in Table 5, has increased by 7.84% during the past two years. A listing, by major fields, of this enrollment will be found in Appendix B of this document.

Table 5: Graduate and Professional School Enrollment

1990	1991	1992	% Change 1990-1992
19,457	19,936	20,983	7.84%

4. By the year 2000, headcount enrollment in area vocational/technical schools will reach 24,000 students per year.

Headcount enrollment as shown in Table 6 resulted in an overall enrollment decrease over the two-year period. The full-time equivalency increased during the same period indicating a trend toward more full-time students enrolling in the area schools.

Table 6: Area School Enrollment
(unduplicated headcount)

	1990	1991	1992	% Change 1990-1992
Headcount	32,356	33,749	30,930	-4.41%
FTE	5,615	5,955	5,929	5.59%

5. By the year 2000, enrollment of students over the age of 25 in public universities and colleges in Tennessee will increase to 50%.

Again, following a national trend, more older students are enrolling as undergraduates in Tennessee's higher education institutions. This is illustrated in Table 7. While students under 25 years of age still are the largest age group, students in the 31 to 45 and the over-45 age groups have grown at the fastest rates. In 1990, students 25 years of age or older were 36.5% of undergraduate enrollment. By Fall of 1992 that age group was over 38% of enrollment. This growth reflects the needs of today's work place and the increased commitment of colleges to training and retraining Tennessee's work force.

Table 7: Undergraduate Enrollment by Age Group

Age Group	1990	% of Total	1991	% of Total	1992	% of Total	% Change in Enrollment 1990-1992
Under 25	98,357	63.47%	102,697	62.67%	105,148	61.70%	6.90
25 to 30	22,837	14.74%	24,615	15.02%	26,045	15.28%	14.05
31 to 45	28,280	18.25%	30,733	18.75%	32,697	19.19%	15.62
Over 45	5,482	3.54%	5,837	3.56%	6,519	3.83%	18.92

6. By the year 2000, public universities in Tennessee will graduate at least 51% of students within six years of enrollment.

Persistence-to-graduation is defined in Tennessee public universities by identifying those members of a freshman class who have enrolled as first-time, full-time, degree seeking students and examining the graduation records over the next six years to identify those who have completed a degree at a Tennessee public institution. Table 8 (next page) is a record of the past five years of persistence data.

Table 8: Persistence at Universities

	1982-88	1983-89	1984-90	1985-91	1986-92
Number	5,382	5,208	5,046	5,179	5,283
Percent	40.94%	40.48%	40.71%	41.86%	41.94%

After a slight decline, the persistence-to-graduation rates at Tennessee's universities have risen steadily to just under 42%. This percentage puts the state near national averages. In Appendix G will be found a list, by institution, of persistence-to-graduation rates.

7. By the year 2000, two-year institutions in Tennessee will graduate at least 25% of students within three years of enrollment.

Table 9: Persistence at Two-Year Institutions

	1985-88	1986-89	1987-90	1988-91	1989-92
Number	764	776	840	834	842
Percent	14.55%	14.14%	13.71%	12.16%	11.17%

In calculating persistence rates at two-year institutions, as presented in Table 9, the defined time period from enrollment to graduation is three years. Persistence statistics on both universities and two-year institutions are under study in many states and by several national organizations. The general perception is that definitions have remained constant over the past several decades while attendance patterns and the general demographics of student enrollments have changed. Many more students today will "stop-out" of college for a year or more at a time while they are seeking an education. Increasing numbers of students choose to attend college on a part-time basis while continuing to work.

Other factors which should be considered are renewed emphasis on the testing, placement, and academic assistance of underprepared students and sharply increased admissions requirements at the universities. The most recent university freshman class represented in this report, the entering class of 1986, had the benefit of these efforts. Persistence-to-graduation, which has declined by around 4% over the past five years at the state's two-year institutions, should improve as these changes are given time to affect students. In addition, the Commission is considering a change in the method of calculating persistence rates for two-year institutions to allow six years from the time of enrollment to completion. This time period would allow for the variables detailed in the above paragraphs.

Appendix H presents trends in persistence-to-graduation as graphs.

Table 10 (next page) presents the persistence-to-graduation data for the Area Vocational/Technical Schools. This is the first report in which these data have been reported.

Table 10: Persistence at Area Vocational/Technical Schools

	1989-91	1990-92
Number	4,595	4,930
Percent	58%	52%

Table 11 presents the numbers of degrees, certificates, and other awards given by each category of institution during 1991-92. In addition to institutions shown in the table, Area Vocational/Technical Schools awarded 2,519 certificates, 2,253 diplomas, and 4,359 other awards. Appendices D, E, and F present listings by broad disciplines of these awards.

Table 11: Degrees and Other Awards

	Certif.	Assoc.	Bach.	Prof.	Mast.	EdS.	Doct.	Total
Universities	144	545	12,702	671	3,455	130	439	18,086
2-Year Schools	716	4,439						5,155
Total	860	4,984	12,702	671	3,455	130	439	23,241

8. By the year 2000, 75% of students completing university parallel degree programs at public community colleges in Tennessee will enroll in baccalaureate degree programs at state universities.

Students who complete university parallel programs at community colleges and who subsequently enroll at a state university are an important measure of the transfer programs in the two-year institutions. Table 12 gives a view of the past three years of community college transfer data.

Table 12: Transfers - Community College University Parallel Majors

	Grads 1989-90	At Univ Fall '90	Grads 1990-91	At Univ Fall '91	Grads 1991-92	At Univ Fall '92
Number	1,012	472	1,108	511	1,346	679
Percent		46.64%		46.12%		50.45%

It should be noted that this table represents those students who transfer immediately to a state university. Those who transfer to private institutions and those who delay their transfer are not represented in the statistics.

Appendices I and J present reports of all students transferring from two-year institutions to universities and students transferring from universities to two-year institutions.

9. By the year 2000, the racial composition of enrollments in public higher education institutions will be sufficient to ensure that all Tennesseans, regardless of race, will have access to higher education.

There is encouragement to be found in the enrollment figures illustrated in Table 13. This table shows some progress in attracting Black undergraduate students to the state's higher education institutions.

Table 13: Undergraduate Enrollment by Race

Race	1990	% of Total	1991	% of Total	1992	% of Total	% Change in Enrollment 1990-1992
Black	21,881	14.12%	24,280	14.82%	25,936	15.22%	18.53%
White	129,400	83.51%	135,979	82.28%	139,884	82.09%	8.10%
Other	3,678	2.37%	4,087	2.47%	4,588	2.69%	24.74%

The overall percentage of Black students in higher education is 15.22% of the total undergraduate enrollment. The rate of increase of enrollment continues to be greater for Black students than for White students.

According to the Spring 1992 report of the State's Desegregation Monitoring Committee, three of the universities and the undergraduate school of the Health Science Center have achieved 100% of their undergraduate enrollment goals. Of the ten community colleges for which goals were established, two have achieved these goals. It should be noted that the goals were last revised at the Spring 1992 meeting of the Committee. Progress was assessed based on these new goals.

Black graduate and professional school enrollment (Table 14) has increased by 12.24% (from 1,437 to 1,751) over the past two years. Black graduate students now represent over 8% of graduate enrollments. Other race enrollments (primarily Asian and Hispanic) represent 7.99% of graduate students; their percentage is down slightly from 1991.

Table 14: Graduate and Professional School Enrollment by Race

Race	1990	% of Total	1991	% of Total	1992	% of Total	% Change in Enrollment 1990-1992
Black	1,560	8.02%	1,589	7.97%	1,751	8.34%	12.24%
White	16,460	84.60%	16,734	83.94%	17,556	83.67%	6.66%
Other	1,437	7.39%	1,613	8.09%	1,676	7.99%	16.63%

Table 15, which shows Area Vocational/Technical Schools (AVTS) enrollment by race, indicates a marked decline in Black and other-race students over the past three years.

Table 15: AVTS Enrollment by Race

	1990	1991	1992	% Change 1990-1992
Black	3,689	3,549	3,155	-14.48%
White	28,286	29,764	27,448	-2.96%
Other	381	436	327	-14.17%

10. By the year 2000, rates of persistence to graduation will be the same for Blacks as for other racial groups.

Table 16 compares the persistence-to-graduation rates by race for the past three years. As mentioned earlier in this report, the methodology used in developing persistence studies for two-year institutions is being studied.

Table 16: Persistence to Graduation by Race

Univ.	1982-88		1983-89		1984-90		1985-91		1986-92	
Black	543	24.65%	517	23.55%	536	25.33%	451	23.07%	545	27.13%
White	4,709	44.28%	4,576	44.18%	4,433	44.14%	4,631	45.63%	4,656	44.97%
Two-Year	1985-88		1986-89		1987-90		1988-91		1989-92	
Black	57	5.57%	46	4.28%	43	3.83%	54	4.34%	48	3.69%
White	702	16.88%	724	16.61	791	16.05%	769	13.92%	786	12.84%

GOAL B: **By the year 2000, Tennessee will be a national leader in improving the quality of instructional programs and demonstrating this improvement through statewide and institutional assessment.**

Additional reports are presented in the appendices which are related to this goal. They are:

Appendix K - A report of the percentages of students accepted into institutions from those who applied for admittance and percentages of students enrolling who were regular admissions as well as those admitted through alternative methods.

Appendix L - Average entering ACT scores for each institution.

Appendix M - Numbers and percentages of students enrolled in remedial and developmental courses.

Appendix N - A report on students who successfully completed remedial and developmental programs and their subsequent success in entry-level college coursework.

Benchmarks:

1. By the year 2000, the average ACT COMP scores of graduates of Tennessee's public universities will average 188.5.

The use of the ACT COMP examination as the sole exit test for Tennessee's college students has been a subject of discussion in the higher education community in Tennessee for a number of years. Beginning in 1992-93, institutions were able to choose from between two nationally standardized examinations for this measure. Around half of the institutions have chosen to use the College Base examination while the rest chose to remain with the ACT COMP examination. Future reports will reflect results from both tests. Appendix O lists 1992 ACT COMP scores by institution.

Table 17: ACT COMP Averages

Averages	1982-84	1984-86	1986-1988	1988-90	1990-1992
Tennessee	184.1	185.4	185.4	184.7	182.2
National	185.4	185.2	185.2	184.6	183.1

2. By the year 2000, passing rates on professional licensure examination of graduates of Tennessee's public higher education professional schools will remain above national levels.

Table 18 is a summary of professional licensure scores for the past three years. A listing of these scores by institution and program is found in Appendix P.

Table 18: National Licensure Examinations

	1990		1991		1992	
Test	Number	%	Number	%	Number	%
Medical Technology	28	82.2%	25	88.0%	23	87.0%
Dental Hygiene	33	94.0%	32	89.2%	43	92.9%
Engineering	635	65.2%	581	49.4%	476	52.8%
Nursing	469	86.3%	481	91.1%	468	92.0%
Law	209	80.8%	221	82.5%	218	85.7%
Medicine, Part I	195	80.0%	191	84.8%	199	86.0%
Medicine, Part II	183	94.0%	174	93.7%	190	92.6%

Licensure scores are higher than in the previous year for Dental Hygiene, Engineering, Nursing, Law, and Medicine (Part I). The national passing rate for Dental Hygiene was 85%, while our Tennessee rate was 92.9%. The national passing rate for Engineering was 61% and our state rate was 52.8%, although two of our state institutions, MSU and TTU, were above the national rate. The national rate for Nursing was 91.2%; our state rate was 92%. The national pass rate for Architecture was 22.1%; the pass rate at UTK, our only Architecture program, was 26%.

3. By the year 2000, 75% of students completing university parallel degree programs at public community colleges in Tennessee will enroll in baccalaureate degree programs at state universities. (See Goal A, Indicator 8 for data concerning total transfer rates.)

4. By the year 2000, rates of transfer from public community colleges to state universities in Tennessee will be the same for Blacks as for other racial groups.

Table 19 presents data on the past three years of transfer from community colleges to universities.

Table 19: Transfer Rates by Race

	Grads 1989-90	At Univ Fall '90	%	Grads 1990-91	At Univ Fall '91	%	Grads 1991-92	At Univ Fall '92	%
Black	69	28	40.58%	90	26	28.89%	120	56	46.67%
All	1,012	472	46.64%	1,108	511	46.12%	1,346	679	50.45%

This table reveals a sharp upturn in the number and percentage of Black students who transferred to a university after completion of a university parallel program at one of the community colleges.

5. By the year 2000, a Superior Teaching Program will be fully funded and implemented across the state.

Funding for the first phase of the Superior Teaching Program, statewide awards for outstanding classroom teaching, has been requested each year. Funds have not yet been made available.

6. By the year 2000, cumulative collections of materials in libraries at Tennessee public institutions will be current and these libraries will be able to provide ready access to materials necessary to support their instructional and research needs.

One important indicator of an institution's commitment to currency in its library collection is the number of volumes purchased in a given year. Table 20 compares the number of books added in the academic year 1989-90 with those added during the past year in all public college and university libraries.

Many of the libraries have moved toward computerization of their card catalogs and the use of SOLINET and other electronic services continues. Further efforts toward provision of increased access to the cataloged collections of Tennessee's public institutions through the use of technology have been delayed due to restricted budgets. Of the 23 libraries, only twelve have on-line access to their own collections and only six have on-line access to collections in other states.

Table 20: Expenditures on Books

	1989-90	1991-92	% Change 1988-1992
Volumes Added	146,516	140,933	-3.81%
Expenditures on Books (X 1000)	$3,423	$3,259	-5.06%

Some other indicators of quality have been added to this report. One important area is the accreditation of academic and professional programs. Table 21 is a report on all accredited programs in universities and two-year institutions. Full reports, by institution, are found in Appendices Q and R.

Table 21: Accreditation

	Accreditable	Accredited	% Accredited
Universities	366	326	89.1%
Two-Year Institutions	67	66	98.5%

Table 22: Percent of Courses Taught by Full-time Faculty, Part-time Faculty and Graduate Assistants

	Full-Time Faculty	Part-Time Faculty	Graduate Assistants
TBR Universities	69.3	16.2	11.3
UT System	67.9	15.7	16.4
Two-Year Institutions	60.6	35.5	0

Table 22 is a report on the percentage of courses taught by full-time faculty, adjunct faculty, and graduate assistants (in universities). A report by institution is found in Appendix S.

A report on job placement rates for vocational programs at two-year institutions and area vocational/technical schools is found in Appendix T.

Legislation requires that this report present the numbers of students enrolled at correctional institutions. In Fall 1992 there were 183 students enrolled at sites identified as correctional institutions. This represents around 0.1% of the total enrollment in higher education. It cannot be said with any assurance that all these students are inmates since guards and other employees of the correctional institutions enroll in the courses offered there.

Another area which has been added to this report is results from the most recent alumni survey. This survey, is done every two years as part of performance funding. It is mailed to students who graduated two years previously; the most recent survey, the results of which can be found in Appendix U, was done in Spring 1992. Further details on the survey are provided in the introduction to the appendix.

GOAL C. **By the year 2000, Tennessee's colleges and universities will be among the nation's leading institutions in preparing graduates with the knowledge and skills essential for effective teaching.**

Benchmarks:

1. By the year 2000, 1,800 individuals will complete teacher education programs in Tennessee public universities each year. Of that number, 396 (22%) will be Black.

Table 23 (next page) presents all teacher education program completers for the past three years. This table does not include program completers from private universities. It also does not include persons seeking graduate degrees but does include all baccalaureate program completers at public universities and those completing teacher education requirements who already possessed a degree.

Table 23: Teacher Education Completers

	1989-90	1990-91	1991-92	% Change 1990-1992
Total	1,531	1,379	1,799	17.5%
Black	54	54	61	13.0%

2. By the year 2000, 95% of teacher education graduates in Tennessee's public universities will pass the NTE or an equivalent examination.

Pass rates on the National Teachers Examination for the past three years are found in Table 24.

Table 24: NTE Pass Rates

1988-89	Pass Rate	1989-90	Pass Rate	1990-91	Pass Rate
1,330	94.89%	1,640	96.59%	1,486	94.68%

GOAL D. **By the year 2000, Tennessee will have improved both the quality and quantity of research and public service so that the state is recognized for its superior research and service activities.**

Benchmarks:

1. Expenditures on research at universities from restricted accounts will reach $230,000,000 by the year 2000.

Table 25 indicates restricted expenditures on research from 1989 through 1992.

2. Expenditures on public service at universities from restricted accounts will reach $43,000,000 by the year 2000.

Table 26 (next page) indicates restricted expenditures on public service from 1989 through 1992. Graphs depicting the growth in research and public service expenditures may be found in Appendix V.

Table 25: Research Expenditures

	1989-90	1990-91	1991-92	% Change 1989-92
Actual Expenditures	$87,066,000	$93,612,000	$100,403,000	15.31%
Adjusted for Inflation	$83,583,000	$84,812,000	$87,250,000	2.87%

Table 26: Public Service Expenditures

	1989-90	1990-91	1991-92	% Change 1989-92
Actual Expenditures	$27,105,000	$31,445,000	$32,199,826	18.79%
Adjusted for Inflation	$26,018,090	$28,978,429	$27,978,429	7.53%

GOAL E. **By the year 2000, Tennessee's higher education institutions will be able to compete for the very best faculty and staff.**

Benchmark:

1. By the year 2000, faculty salaries at Tennessee public higher education institutions will be above those of their peers in other states.

Table 27 compares Tennessee faculty salaries with those of peer institutions for the 1991-92 academic year.

Table 27: 1991-92 Salary Comparisons

	Average Salary	Peer Average	Percent of Peer
University of Tennessee, Knoxville	$46,186	$51,258	90.1%
Memphis State University	$41,845	$44,386	94.3%
All Other Universities	$38,547	$40,243	95.8%
All Two-Year Institutions	$30,900	$31,375	98.5%

Table 28 shows the change in the percentage of peer institution average salaries as compared to Tennessee during the past three years.

Table 28: Percentage Comparisons

	% in 1989-90	% in 1990-91	% in 1991-92
University of Tennessee, Knoxville	93.4%	92.2%	90.1%
Memphis State University	94.6%	94.5%	94.3%
All Other Universities	98.5%	98.0%	95.8%
All Two-Year Institutions	97.1%	97.3%	98.5%

GOAL F: **By the year 2000, Tennessee's higher education institutions will have garnered sufficient resources to achieve the high quality and access envisioned in the goals of *Tennessee Challenge 2000*.**

Benchmark:

1. By the year 2000, Tennessee's public higher education institutions will merit a proportion of state dollars above that currently received.

   Tennessee's public higher education institutions have always worked assiduously to merit the confidence placed in them by the citizens of Tennessee and their elected representatives. Over the past half-decade Tennessee has increased the funding of higher education.

   An example of Tennessee's commitment to higher education can be found by examining the changing state appropriation for higher education expressed as a percentage of state revenue.

   Table 29 is based on the latest available data from the Department of Finance and Administration.

Table 29: State Appropriations as a Percentage of State Revenue

FY 1989	FY 1990	FY 1991
16.3%	15.9%	15.9%

SUMMARY

During the past two years:

- Undergraduate enrollment has grown by over 15,000 students.
- Enrollment in public universities has grown by 4.17%; enrollment in two-year colleges has grown by 18.12%.
- Graduate and professional school enrollment in critical areas of need in Tennessee has grown by 7.84%.
- The proportion of working-age adults in Tennessee's public colleges has increased by over 2%.
- Headcount enrollment in Area Vocational/Technical Schools has decreased slightly although the full-time equivalency has increased by over 5%.
- The need for developmental coursework by first-time freshmen has declined (from 1991 to 1992) from 57.3% to 55.7%.
- Persistence-to-graduation rates at universities has risen by 1% and is at national averages.
- Persistence-to-graduation rates at two-year institutions have fallen around 3%.
- Enrollment of Black students has increased at more than twice the rate of White students. Representation of Black students in undergraduate higher education in Tennessee is now within 1% of that of the total population of the state.
- Transfer rates of Black students who complete university parallel programs at two-year institutions have increased dramatically and now approach 50%.
- Scores on most licensure examinations remain at or above national averages.
- Over 90% of major programs in public higher education institutions are accredited.
- There has been a 13% increase in Black graduates of teacher education programs since 1990.
- Research expenditures from restricted accounts have increased by over 15%; public service expenditures from restricted accounts have increased by almost 19%.

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N Remedial/Developmental Completers and Subsequent Success

O ACT COMP Examination Scores (by Institution)

P Licensure Scores (by Institution and Program)

Q Accreditation (by Institution and Discipline): Universities

R Accreditation (by Institution and Discipline): Two-Year Institutions

S Percentages of Courses Taught by Various Faculty

T Job Placement Rates

U Alumni Survey

V Research and Public Service Expenditures

FALL 1992 ENROLLMENTS

Universities	Undergraduate	Graduate & Prof.	Total
Austin Peay State University	7,403	413	7,816
East Tennessee State University	9,923	1,931	11,854
Memphis State University	15,768	4,815	20,583
Middle Tennessee State University	15,011	1,776	16,787
Tennessee State University	6,605	985	7,590
Tennessee Technological University	7,351	891	8,242
University of Tennessee, Chattanooga	7,024	1,123	8,147
University of Tennessee, Knoxville	19,342	7,237	26,579
University of Tennessee, Martin	5,414	232	5,646
University of Tennessee, Memphis	421	1,580	2,001
Subtotal	94,262	20,983	115,245
Two-Year Institutions:			
Chattanooga State Technical Community College	8,943		8,943
Cleveland State Community College	3,596		3,596
Columbia State Community College	3,721		3,721
Dyersburg State Community College	1,919		1,919
Jackson State Community College	3,461		3,461
Motlow State Community College	3,211		3,211
Northeast State Technical Community College	3,464		3,464
Nashville State Technical Institute	6,000		6,000
Pellissippi State Technical Community College	7,838		7,838
Roane State Community College	5,842		5,842
Shelby State Community College	6,988		6,988
State Technical Institute at Memphis	10,519		10,519
Volunteer State Community College	5,218		5,218
Walters State Community College	5,427		5,427
Subtotal	76,147		76,147
Grand Totals	170,409	20,983	191,392

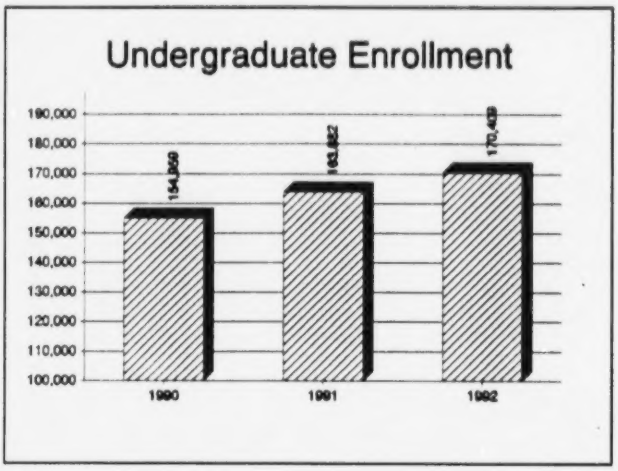
Appendix A

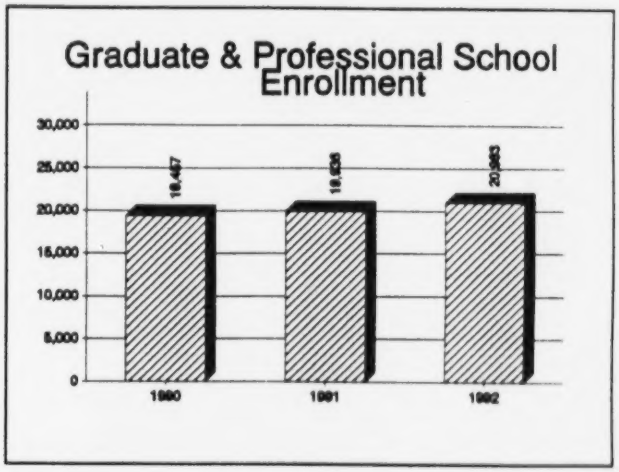
GRADUATE AND PROFESSIONAL SCHOOL ENROLLMENT

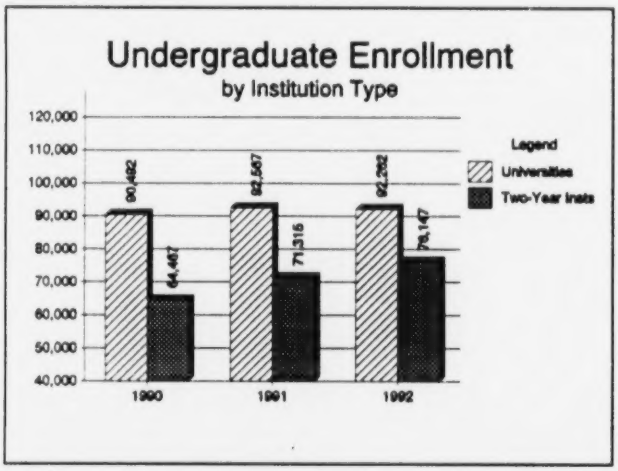
Area:	1990	1991	1992
Business	2,036	2,178	2,182
Education	4,191	4,207	4,315
Computer Science and Engineering	1,755	1,782	1,855
Allied Health and Medical Fields	2,198	2,362	2,586
Law	901	879	869
Mathematics and Science	1,231	1,267	1,314
All Others	7,145	7,430	7,862
Totals	19,457	20,105	20,983

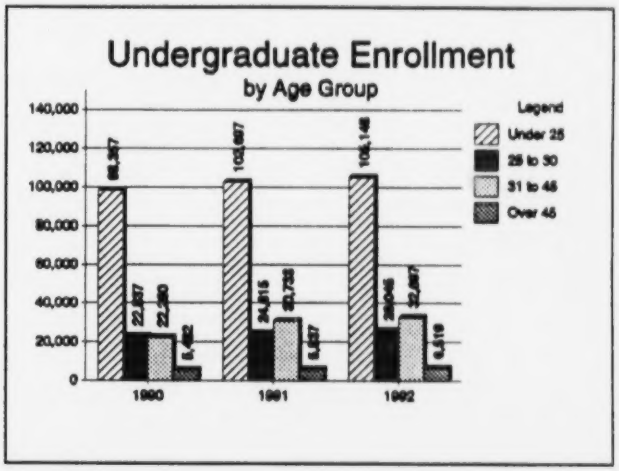
Appendix B

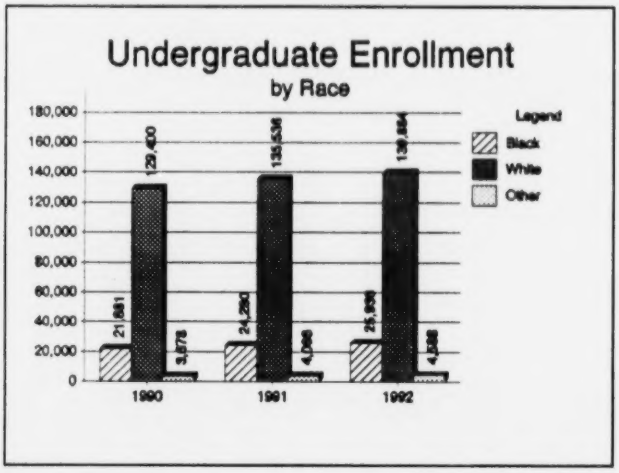
ENROLLMENT TRENDS

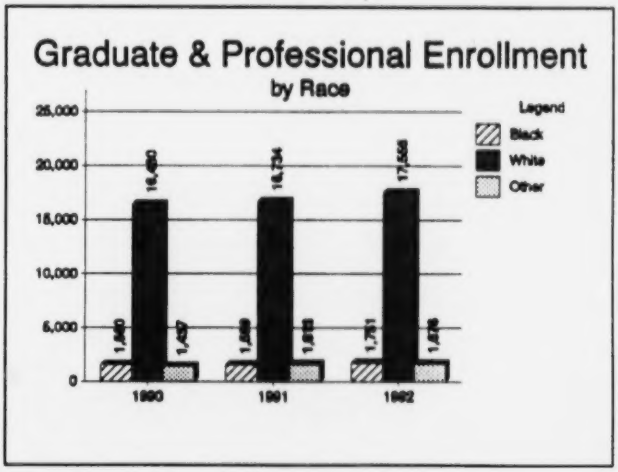












Appendix C

DEGREES AND AWARDS: UNIVERSITIES

Discipline	Certif.	Assoc.	Bach.	Prof.	Mast.	EdS	Doct.	Total
Agriculture			310		46		13	369
Architecture & Related Programs			68		20			88
Area/Ethnic/Cultural Studies			23					23
Marketing Oper./Market & Distribution			103					103
Communications			564		44		6	614
Computer & Information Sciences			168		49		1	218
Education			1,499		1,270	130	133	3,032
Engineering		8	1,074		288		60	1,430
Foreign Languages & Literature			93		10		2	105
Home Economics			300		38		10	348
Technical Education/Industrial Arts		49						49
Law & Legal Studies	44			292				336
English Language & Literature			383		87		14	484
Liberal Arts & Sciences/General Studies		38	38					76
Library Science					51			51
Biological Science/Life Sciences			433		51		46	530
Mathematics			149		69		8	226
Multi/Interdisciplinary Studies			118		23			147
Parks, Recreation, Leisure, Fitness			257		107		6	370
Philosophy, Religion, Theology			42		14		3	59
Physical Science			184		41		33	258
Psychology			675		144		36	855
Protective Services/Public Affairs		54	493		178		2	727
Social Sciences			1,036		95		35	1,166
Trade & Industrial			89					89
Visual & Performing Arts			575		91		3	669
Health Professions & Related Services	39	371	900	379	187		14	1,890
Business Mgmt. & Administrative Serv.	55	25	3,128		552		14	3,774
TOTAL	144	545	12,702	671	3,455	130	439	18,086

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Appendix D

DEGREES AND AWARDS: TWO-YEAR INSTITUTIONS

Discipline	Certificate	Associate	Total
Agriculture		21	21
Marketing Operations/Marketing & Distribution	9	13	22
Communications		1	1
Computer & Information Sciences		62	62
Engineering	19	433	452
Home Economics	8	25	33
Technical Educucation/Industrial Arts		31	31
Law & Legal Studies		83	83
English Language & Literature		1	1
Liberal Arts & Sciences/General Studuies		1,353	1,353
Physical Science		35	35
Protective Services/Public Affairs	11	67	78
Trade & Industrial	50	190	240
Visual & Performing Arts	34	19	53
Health Professions & Related Services	369	1,113	1,482
Business Mgmt. & Administrative Serv.	216	992	1,208
TOTAL	716	4,439	5,155

Appendix E

AWARDS: AREA VOCATIONAL/TECHNICAL SCHOOLS

Discipline	Certificate	Diploma	Other	Total
Agriculture	9	0	0	9
Business	582	197	1,607	2,386
Consumer, Personal & Misc. Services	90	126	5	221
Engineering	138	63	80	281
Health	408	739	576	1,723
Home Economics	32	20	5	57
Personal & Social Development	0	0	508	508
Public Affairs & Protective Services	0	0	0	0
Trades & Industrial	1,260	1,108	1,550	3,918
Visual & Performing Arts	0	0	28	28
TOTAL	2,519	2,253	4,359	9,131

Appendix F

PERSISTENCE TO GRADUATION

Universities	1985-1991			1986-1992		
	Black	White	Total	Black	White	Total
Austin Peay State University	18.18%	35.45%	32.21%	22.73%	34.86%	32.22%
East Tennessee State University	25.00%	42.38%	41.37%	37.77%	38.86%	38.46%
Memphis State University	22.62%	36.79%	34.14%	29.58%	36.54%	35.34%
Middle Tennessee State University	34.52%	39.83%	39.04%	33.78%	39.51%	38.62%
Tennessee State University	20.91%	21.74%	20.90%	21.39%	26.32%	21.60%
Tennessee Technological University	43.75%	47.81%	47.66%	28.95%	48.72%	47.62%
University of Tennessee, Chattanooga	12.27%	37.91%	33.19%	22.45%	39.75%	37.61%
University of Tennessee, Knoxville	39.56%	58.99%	57.82%	43.78%	56.04%	55.13%
University of Tennessee, Martin	16.97%	41.57%	35.27%	22.93%	45.95%	40.28%
Overall Averages	23.07%	45.63%	41.86%	27.13%	44.97%	41.94%

Two-Year Institutions	1987-1990			1988-1991		
	Black	White	Total	Black	White	Total
Chattanooga State Technical Community College	0%	8.37%	7.55%	0%	12.18%	10.64%
Cleveland State Community College	8.33%	12.29%	12.11%	0%	15.41%	14.19%
Columbia State Community College	37.50%	30.60%	30.88%	12.50%	26.69%	25.09%
Dyersburg State Community College	5.71%	13.22%	11.07%	2.08%	11.46%	9.18%
Jackson State Community College	9.41%	22.30%	19.38%	10.34%	23.51%	20.47%
Motlow State Community College	14.29%	21.34%	20.45%	3.57%	20.00%	18.30%
Northeast State Technical Community College	0%	29.51%	29.03%	40.00%	31.17%	31.31%
Nashville State Technical Institute	9.09%	24.44%	21.27%	10.00%	22.18%	19.83%
Pellissippi State Technical Community College	0%	19.05%	17.05%	2.50%	12.51%	11.24%
Roane State Community College	0%	7.87%	7.43%	4.17%	11.28%	11.04%
Shelby State Community College	2.88%	4.42%	3.25%	0.95%	7.97%	2.69%
State Technical Institute at Memphis	5.65%	13.92%	10.22%	7.61%	20.45%	14.32%
Volunteer State Community College	10.00%	18.92%	18.07%	7.69%	16.53%	16.10%
Walters State Community College	0%	13.96%	13.10%	0%	14.75%	13.75%
Overall Averages	5.57%	16.88%	14.55%	4.31%	17.42%	14.70%

Appendix G

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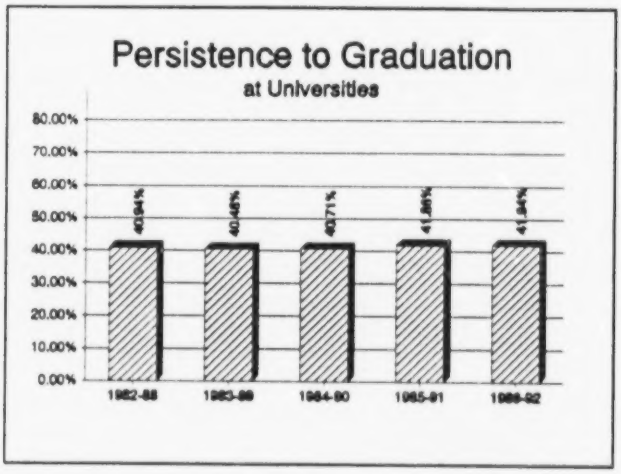
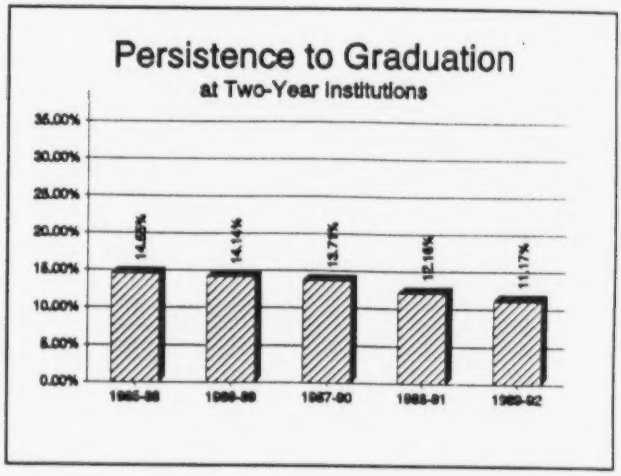
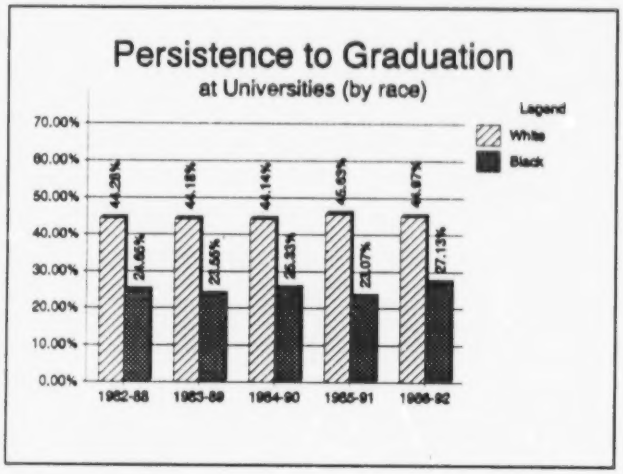
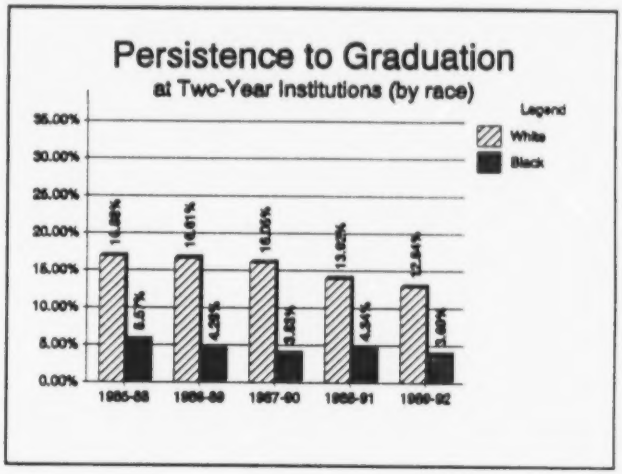
PERSISTENCE TO GRADUATION









Appendix H

TRANSFERS: TWO-YEAR INSTITUTIONS TO UNIVERSITIES

Receiving Institutions →

Originating Institutions ↓	APSU	ETSU	MSU	MTSU	TSU	TTU	UTC	UTK	UTM	UT Mem	Totals
CSTCC	3	6	3	25	3	30	310	24	1	0	405
CLSCC	4	7	1	21	2	14	97	29	0	1	176
COSCC	13	1	5	127	13	18	4	9	20	1	210
DSCC	8	0	37	17	1	1	0	6	95	0	165
JSCC	3	0	40	26	5	5	1	9	80	2	171
MSCC	4	0	1	146	4	29	8	17	1	0	209
NSTCC	0	150	1	4	0	5	2	4	1	0	167
NSTI	18	0	2	95	80	6	2	1	3	0	207
PSTCC	2	27	2	20	0	15	12	151	1	0	230
RSCC	2	20	2	32	0	114	8	92	5	1	276
SSCC	9	1	198	3	13	1	2	10	22	6	265
STIM	1	0	174	1	3	1	1	5	3	1	190
VSCC	18	3	2	145	88	43	2	20	3	0	323
WSCC	1	99	2	11	0	17	7	110	1	1	249
All 2-Yr.	86	314	470	673	212	299	454	483	235	13	3,074
Public Univ	48	99	151	268	127	114	111	252	68	58	1,296
Ind. Coll.	166	47	147	221	48	59	78	135	65	18	984
Out-of-State	686	504	651	540	192	132	205	446	92	38	3,486
Totals	1,072	1,128	1,888	2,365	793	898	1,304	1,803	696	140	8,840

Appendix I

TRANSFERS: UNIVERSITIES TO TWO-YEAR INSTITUTIONS

Receiving Institutions →

Originating Institutions↓	CSTCC	CLSCC	COSCC	DSCC	JSCC	MSCC	NSTCC	NSTI	PSTCC	RSCC	SSCC	STIM	VSCC	WSCC	Totals
APSU	2	1	12	1	5	2	0	11	2	2	0	1	16	1	56
ETSU	9	2	0	0	0	0	72	0	24	7	0	1	3	52	170
MSU	2	0	4	3	34	0	0	3	3	2	170	471	3	3	698
MTSU	17	3	85	1	13	26	1	40	7	9	2	4	62	3	273
TSU	3	0	12	3	4	1	0	23	1	0	15	14	16	1	93
TTU	26	6	16	0	2	24	2	4	14	37	0	4	28	1	164
UTC	225	12	2	0	1	1	1	2	3	1	3	0	1	0	252
UTK	44	3	11	2	7	2	6	4	138	48	6	38	8	27	344
UTM	1	1	12	41	80	1	0	3	2	0	26	32	6	0	205
UTMem	0	0	3	0	4	0	0	0	0	0	0	19	4	0	31
All Univ.	326	28	154	51	150	57	82	90	194	106	223	582	147	88	2,286
Other 2-Yr	109	31	54	19	78	15	11	39	90	74	99	217	69	27	930
Ind. Colleges	89	45	45	14	120	7	10	30	30	26	44	106	57	38	661
Out-of-State	436	52	213	31	105	56	34	88	144	78	247	559	202	101	2,346
Totals	1,286	184	622	166	603	192	219	337	652	390	835	2,046	622	342	6,223

ADMISSIONS DATA FOR FALL 1992

	Number Applied	Number Accepted	Percent Accepted	Number Admitted through Alternative Admissions	Percent Admitted through Alternative Admissions	Number Enrolled
Austin Peay State University	2,120	1,577	74.4%	111	7.0%	782
East Tennessee State University	3,915	3,290	84.0%	145	4.4%	1,752
Memphis State University	4,057	2,730	67.3%	150	5.5%	1,671
Middle Tennessee State University	4,582	3,517	76.8%	127	3.6%	2,212
Tennessee State University	3,430	2,328	67.9%	102	4.4%	816
Tennessee Technological University	2,680	2,447	91.3%	189	7.7%	1,436
University of Tennessee at Chattanooga	1,887	1,251	66.3%	114	9.1%	936
University of Tennessee at Knoxville	7,982	6,025	75.5%	628	9.4%	3,130
University of Tennessee at Martin	2,174	1,505	69.0%	164	10.9%	1,127
Totals	32,827	24,650	75.1	1,730	7.0%	13,862

FALL 1992 AVERAGE ENTERING ACT SCORES

Universities:	Average ACT Score
Austin Peay State University	20.77
East Tennessee State University	21.00
Memphis State University	21.99
Middle Tennessee State University	20.45
Tennessee State University	18.66
Tennessee Technological University	22.15
University of Tennessee, Chattanooga	21.57
University of Tennessee, Knoxville	23.01
University of Tennessee, Martin	20.11
Two-Year Institutions:	
Chattanooga State Technical Community College	17.67
Cleveland State Community College	18.81
Columbia State Community College	18.63
Dyersburg State Community College	17.89
Jackson State Community College	17.99
Motlow State Community College	19.03
Northeast State Technical Community College	17.49
Nashville State Technical Institute	16.91
Pellissippi State Technical Community College	18.92
Roane State Community College	18.66
Shelby State Community College	16.03
State Technical Institute at Memphis	16.68
Volunteer State Community College	18.03
Walters State Community College	18.45

Appendix L

PERCENTAGES OF FIRST-TIME FRESHMEN IN DEVELOPMENTAL COURSES[1]

	Freshmen Enrollment				Taking any R&D courses				Taking one course				Taking more than one course			
Universities:	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
Austin Peay State University	1,409	1,236	1,012	785	29.1	34.6	49.6	56.3	13.2	16.6	25.6	34.5	12.9	17.0	42.0	26.9
East Tennessee State University	1,676	1,575	1,611	1,623	42.1	45.6	47.9	42.8	20.6	26.5	23.0	22.5	21.5	22.9	24.8	20.3
Memphis State University	1,902	1,688	1,565	1,620	19.7	23.9	30.1	32.5	9.8	13.3	17.6	19.0	9.9	10.6	12.5	13.5
Middle Tennessee State University	1,765	1,827	1,899	2,149	51.1	52.3	54.3	55.0	23.5	22.6	22.6	24.8	27.6	29.7	31.8	30.2
Tennessee State University	935	717	721	791	61.4	72.7	68.1	62.3	10.5	23.3	24.3	20.4	50.0	49.4	43.8	41.9
Tennessee Technological University	1,327	1,319	1,388	1,378	34.1	40.0	37.7	36.0	10.2	7.3	9.9	9.4	23.9	29.7	27.7	26.6
University of Tennessee, Chattanooga	812	742	772	830	37.1	38.3	38.6	34.3	27.2	30.1	31.5	29.7	9.9	8.2	7.1	4.6
University of Tennessee, Knoxville	3,227	3,291	2,961	3,130	—	—	—	2.9	—	—	—	2.9	—	—	—	0.0
University of Tennessee, Martin	1,038	1,168	1,100	1,127	36.6	37.4	39.9	44.6	26.0	25.9	27.3	31.6	10.6	11.5	12.6	13.0
Universities	14,091	13,563	13,029	13,433	28.8	31.7	34.8	34.8	13.2	15.2	16.8	17.7	15.6	16.5	17.9	17.1
Community Colleges:																
Chattanooga State Tech. Comm. Coll.	1,220	1,272	1,391	1,345	62.1	72.2	82.2	82.3	14.1	21.0	25.5	22.8	48.0	51.3	56.6	59.5
Cleveland State Community College	800	591	594	614	65.3	67.3	73.1	71.7	21.7	23.5	29.0	28.7	43.7	43.8	44.1	43.0
Columbia State Community College	421	626	607	721	72.7	68.5	80.2	72.1	14.0	18.2	23.4	17.6	58.7	50.3	56.8	54.5
Dyersburg State Community College	324	407	446	393	83.0	80.3	82.5	79.6	22.2	26.3	19.3	23.2	60.8	54.1	63.2	56.4
Jackson State Community College	529	553	595	572	69.3	73.9	76.0	78.1	8.9	30.3	27.1	30.9	60.4	43.6	49.1	47.2
Motlow State Community College	535	596	663	672	66.7	73.2	77.1	71.3	26.9	29.9	30.2	24.6	39.8	43.3	46.9	46.7
Northeast State Tech. Comm. College[2]		637	685	702		78.3	82.9	83.2		26.2	26.4	24.2		52.1	56.5	59.0
Pellissippi State Tech. Comm. College	1,144	1,278	1,403	1,395	78.6	79.2	77.8	75.6	15.1	12.2	17.2	17.6	63.5	67.0	60.7	58.0
Roane State Community College	794	901	918	917	70.5	75.6	78.1	78.8	22.9	29.9	25.7	23.4	47.6	45.7	52.4	55.4
Shelby State Community College	848	668	1344	967	76.6	85.9	86.3	82.6	10.0	18.0	9.2	11.8	66.6	68.0	77.0	70.8
Volunteer State Community College	719	824	931	967	78.9	79.9	80.6	76.9	18.1	21.8	24.9	22.9	60.8	58.0	55.6	54.0
Walters State Community College	827	880	1,024	909	59.1	72.7	77.1	80.1	19.1	21.4	22.5	18.6	40.0	51.4	54.7	61.5
Community Colleges	7,961	9,233	10,501	10,174	69.2	72.5	79.8	78.0	17.0	22.2	22.4	21.4	52.2	50.3	57.5	56.6
Technical Institutes:																
Nashville State Technical Institute	483	564	514	516	76.0	87.4	89.1	89.9	19.3	23.9	23.9	21.1	56.7	63.5	65.2	68.8
State Technical Institute at Memphis	1,125	1,101	1250	1,046	74.5	84.5	90.4	89.4	16.3	23.3	18.1	24.2	58.2	62.1	72.3	65.2
Tri-Cities State Technical Institute[2]	482				59.5				15.1				44.4			
Technical Institutes	2,090	1,665	1,764	1,562	71.4	85.5	90.0	89.6	16.7	22.9	19.8	23.2	54.7	62.6	70.2	66.4
All Institutions	24,142	24,461	25,294	25,169	45.8	52.0	57.3	55.7	14.7	18.4	19.3	19.6	31.1	33.6	38.0	36.1

[1] All full-time and part-time freshmen newly enrolled in Fall semester.

[2] The mission of Tri-Cities State Technical Institute was expanded on July 1, 1990 and its name was changed to Northeast State Technical Community College to reflect that expansion.

Appendix M

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DEVELOPMENTAL ENGLISH SUCCESS RATES

First-time Freshmen, Summer and Fall Semesters, 1992

Universities	Total 1988 Cohort	Enrolled in Developmental English		Completed Developmental, Enrolled in College English		Develop. Completers Successfully Completing College English		Students not Requiring Developmental, Completing College English	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Austin Peay State University	750	149	19.9%	83	55.7%	71	85.5%	144	85.2%
East Tennessee State University	2,226	449	20.2%	357	79.5%	314	88.0%	1,409	88.2%
Memphis State University	2,210	227	10.3%	185	81.5%	170	91.9%	1,661	92.6%
Middle Tennessee State University	2,321	748	32.2%	477	63.8%	418	87.6%	1,315	90.8%
Tennessee State University	1,130	353	31.2%	275	77.9%	254	92.4%	645	91.2%
Tennessee Technological University	1,505	413	27.4%	193	46.7%	170	88.1%	998	95.5%
University of Tennessee at Chattanooga	976	165	16.9%	126	76.4%	121	96.0%	686	94.5%
University of Tennesse at Martin	1011	156	15.4%	102	65.4%	95	93.1%	713	93.8%
University Totals	14,117	2,660	18.8%	1,798	67.6%	1,613	89.7%	7,571	91.9%
Two-Year Institutions									
Chattanooga State Tech. Comm. College	1,082	456	42.1%	218	47.8%	165	75.7%	301	71.7%
Cleveland State Community College	598	137	22.9%	66	48.2%	43	65.2%	253	81.1%
Columbia State Communty College	520	257	49.4%	154	59.9%	150	97.4%	102	96.2%
Dyersburg State Community College	346	144	41.6%	77	53.5%	56	72.7%	116	87.2%
Jackson State Community College	581	144	24.8%	92	63.9%	67	72.8%	315	90.0%
Motlow State Community College	469	117	24.9%	78	66.7%	62	79.5%	254	82.7%
Northeast State Tech. Comm. College	338	134	39.6%	74	55.2%	59	79.7%	106	82.2%
Nashville State Technical Institute	626	190	30.4%	120	63.2%	99	82.5%	171	75.7%
Pellissippi State Tech. Comm. College	887	291	32.8%	183	62.9%	151	82.5%	234	74.3%
Roane State Community College	901	273	30.3%	193	70.7%	167	86.5%	458	86.1%
Shelby State Community College	677	391	57.8%	224	57.3%	177	79.0%	99	77.3%
State Technical Institute at Memphis	1,163	505	43.4%	298	59.0%	242	81.2%	284	82.3%
Volunteer State Community College	767	373	48.6%	236	63.3%	188	79.7%	194	89.8%
Walters State Community College	667	192	28.8%	118	61.5%	94	79.7%	284	79.8%
Two-Year Institution Totals	11,610	3,604	31.0%	2,131	59.1%	1,720	80.7%	3,171	82.3%

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DEVELOPMENTAL MATHEMATICS SUCCESS RATES

First-time Freshmen, Summer and Fall Semesters, 1992

Universities	Total 1988 Cohort	Enrolled in Developmental Math		Completed Developmental, Enrolled in College Math		Develop. Completers Successfully Completing College Math		Students not Requiring Developmental, Completing College Math	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Austin Peay State University	750	268	35.7%	175	65.3%	131	74.9%	261	78.9%
East Tennessee State University	2,226	806	36.2%	395	49.0%	305	77.2%	704	76.7%
Memphis State University	2,210	214	9.7%	150	70.1%	103	68.7%	1,026	73.7%
Middle Tennessee State University	2,321	983	42.7%	707	71.9%	560	79.2%	798	87.4%
Tennessee State University	1,130	393	34.8%	238	60.6%	191	80.3%	349	81.4%
Tennessee Technological University	1,505	503	33.4%	292	58.1%	217	74.3%	701	84.6%
University of Tennessee at Chattanooga	976	364	37.3%	159	43.7%	145	91.2%	467	76.9%
University of Tennesse at Martin	1011	412	40.8%	199	65.5%	174	87.4%	429	87.2%
University Totals	14,117	3,943	27.9%	2,315	58.7%	1,826	78.9%	4,735	64.7%
Two-Year Institutions									
Chattanooga State Tech. Comm. College	1,082	474	43.8%	257	54.2%	202	78.6%	157	64.6%
Cleveland State Community College	598	211	35.3%	84	39.8%	62	73.8%	69	75.8%
Columbia State Communty College	520	240	46.2%	117	48.8%	112	95.7%	30	85.7%
Dyersburg State Community College	346	155	44.8%	87	56.1%	70	80.5%	28	75.7%
Jackson State Community College	581	180	31.0%	90	50.0%	57	63.3%	131	76.6%
Motlow State Community College	469	182	38.8%	96	52.7%	81	84.4%	105	82.0%
Northeast State Tech. Comm. College	338	139	41.1%	81	58.3%	67	82.7%	50	80.6%
Nashville State Technical Institute	626	210	33.5%	119	56.7%	92	77.3%	88	72.7%
Pellissippi State Tech. Comm. College	887	307	34.6%	183	59.6%	139	76.0%	100	64.5%
Roane State Community College	901	351	39.0%	194	55.3%	160	82.5%	173	78.6%
Shelby State Community College	677	235	34.7%	131	55.7%	99	75.6%	29	50.0%
State Technical Institute at Memphis	1,163	532	45.7%	350	65.8%	251	71.7%	139	76.0%
Volunteer State Community College	767	283	36.9%	142	50.2%	106	74.6%	79	75.2%
Walters State Community College	667	260	39.0%	145	55.8%	130	89.7%	180	84.5%
Two-Year Institution Totals	11,610	3,579	30.8%	2,076	58.0%	1,628	78.0%	1,358	75.4%

ACT COMP EXAMINATION SCORES

University	1990 Avg. Score	No. of Students	1991 Avg. Score	No. of Students	1992 Avg. Score	No. of Students
Austin Peay State University	183.0	444	181.0	495	181.4	538
East Tennessee State University	181.5	1,097	181.9	1,128	181.7	1,284
Memphis State University	186.3	1,274	183.0	1,051	183.3	1,875
Middle Tennessee State University	183.3	1,141	182.7	1,356	182.0	1,488
Tennessee State University	169.4	531	168.8	330	169.3	620
Tennessee Technological University	184.6	749	183.8	960	184.2	741
University of Tennessee, Chattanooga	185.7	828	180.8	682	183.1	889
University of Tennessee, Knoxville	190.2	1,626	185.3	1,653	185.7	2,015
University of Tennessee, Martin	180.9	548	178.9	590	179.2	579
Totals	184.2	8,238	182.2	8,245	182.2	10,029

Appendix O

LICENSURE SCORES

Institution	Test	1990	Number	1991	Number	1992	Number
APSU	Nursing (BSN)	93.3%	39	90.2%	37	90.7%	43
ETSU	Nursing (AD)	88.4%	43	95.3%	64	92.0%	46
	Nursing (BSN)	82.1%	73	96.2%	53	94.3%	66
	Medical (Comp. I)	66.6%	54	74.0%	53	82.4%	51
	Medical (Comp. II)	95.0%	40	89.0%	37	96.0%	50
MSU	Engineering	58.0%	74	49.0%	113	67.9%	28
	Law	86.1%	94	80.6%	100	86.4%	103
MTSU	Medical Technology	100%	4	100%	5	100%	5
	Nursing [1]					93.8%	32
TSU	Engineering	22.3%	94	5.9%	68	8.9%	56
	Nursing (AD)	89.4%	110	90.5%	125	91.1%	146
	Nursing (BSN)	84.0%	21	84.6%	11	90.9%	11
	Dental Hygiene	100%	18	87.5%	20	91.0%	23
	Medical Technology	50.0%	8	50%	6	50.0%	4
TTU	Engineering	74.0%	246	63.3%	229	63.8%	185
	Nursing (BSN)	94.0%	33	92.9%	42	84.2%	38
UTC	Engineering	63.5%	52	48.4%	62	45.2%	62
	Nursing (BSN)	87.1%	31	92.3%	26	100%	24
UTK	Engineering	79.9%	169	48.4%	109	55.9%	145
	Nursing (BSN)	98.0%	51	92.0%	85	94.0%	77
	Architecture	29.1%	55	32.6%	42	26.0%	46
	Law	76.0%	115	84.0%	121	85.0%	115
	Veterinary Medicine [2]	92.5%	27	0%	0	82.0%	39
UTMHC	Nursing (BSN)	94.0%	50	86.0%	42	94.1%	51
	Dentistry	93.9%	70	82.0%	54	95.5%	56
	Pharmacy	100%	70	97.1%	69	98.6%	69
	Medical (Comp. I)	85.1%	141	89.1%	138	87.2%	148
	Medical (Comp. II)	97.2%	143	94.9%	137	91.4%	140
	Dental Hygiene	86.7%	15	92.0%	12	95.0%	20
	Medical Technology	93.8%	16	100%	14	93.0%	14
	Physical Therapy	100%	45	100%	51	100%	56

[1] New program approved in 1987. First class tested was in 1992.

[2] Due to change from quarters to semesters, there was no class scheduled to graduate in 1991.

ACCREDITED PROGRAMS IN TENNESSEE'S PUBLIC UNIVERSITIES

The left column under each institution is the number of program which are eligible for accreditation (does not include exempt programs). The right column is the number which are accredited.

Disciplines:	APSU		ETSU		MSU		MTSU		TSU		TTU		UTC		UTK		UTM		UTMem		All	
Allied Health	1	1	8	8					4	4			1	1	1	1			6	5	21	20
Medicine			1	1															1	1	2	2
Architecture															1	1					1	1
Art & Design	1	1	2	2	4	4	1	0	1	0	1	0	1	0	4	4					15	11
Business	1	0	7	7	15	15	11	11	5	0	6	6	2	2	11	11	7	0			65	52
Chemistry	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1			9	8
Public Health Administration															1	1					1	1
Dentistry																			3	3	3	3
Dietetics			1	1	1	1									1	1					3	3
Engineering & Technology			2	2	7	7			4	4	5	5	1	1	10	10	3	3			32	32
Forestry															1	1					1	1
Home Economics			1	1			3	3	1	1	1	0	1	0	4	4	1	1			12	10
Industrial Technology							1	1	1	0	1	1									3	2
Interior Design							1	0													1	0
Journalism/Mass Communications			1	1	2	2	1	1							4	4	1	0			9	8

(continued on next page)

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ACCREDITED PROGRAMS IN TENNESSEE'S PUBLIC UNIVERSITIES (Cont.)

The left column under each institution is the number of program which are eligible for accreditation (does not include exempt programs). The right column is the number which are accredited.

Disciplines:	APSU		ETSU		MSU		MTSU		TSU		TTU		UTC		UTK		UTM		UTMem		All	
Law					1	1									1	1					2	2
Library Science															1	1					1	1
Music	2	2	1	1	3	3	2	2	1	1	1	1	2	2	2	2	2	2			16	16
Nursing	1	1	2	2	1	1	1	1	2	2	1	1	1	1	2	2			2	2	13	13
Pharmacy																			1	1	1	1
Psychology					2	2									1	1					3	3
Rehabilitation Education					1	1									1	1					2	2
Social Work	1	1	1	1	1	1	1	1	1	1			1	1	2	2	1	1			9	9
Speech/Language/Hearing			1	1	1	1									2	2					4	4
Teacher Education	12	12	15	0	16	16	22	22	12	11	13	13	8	8	31	31	6	6			135	119
Veterinary Medicine															1	1					1	1
Public Affairs									1	1											1	1
Totals	20	19	44	29	56	56	45	43	34	25	30	28	19	17	83	83	22	14	13	12	366	326

ACCREDITED PROGRAMS IN TENNESSEE'S PUBLIC TWO-YEAR INSTITUTIONS

The left column under each institution is the number of program which are eligible for accreditation. The right column is the number which are accredited.

Disciplines:	CSTCC		CLSCC		COSCC		DSCC		JSCC		MSCC		NSTCC		NSTI		PSTCC		RSCC		SSCC		STIM		VSCC		WSCC		All	
Allied Health	5	5	1	1	3	3			4	4					1	1			6	6	4	4			5	5	1	1	30	30
Dietetics																					1	1							1	1
Engineer. Tech.	2	2			1	0							2	2	6	6	5	5					9	9			1	1	26	25
Legal Education			1	1																									1	1
Nursing	1	1	1	1	1	1	1	1			1	1							1	1	1	1					1	1	8	8
Vet. Science					1	1																							1	1
Totals	8	8	3	3	6	5	1	1	4	4	1	1	2	2	7	7	5	5	7	7	6	6	9	9	5	5	3	3	67	66

PERCENTAGE OF LOWER-DIVISION COURSES TAUGHT BY VARIOUS FACULTY

Row totals do not always add up to 100% because of courses taught by persons who do not meet the definitions of full-time faculty, part-time faculty, or graduate assistant. These include professional, non-faculty persons such as lab technicians, persons paid from non-instructional and non-academic support accounts, and administrators.

Universities:	Full-Time	Part-Time	Graduate Asst.
Austin Peay State University	62.9%	34.4%	0.0%
East Tennessee State University	60.3%	29.3%	9.4%
Memphis State University	66.8%	5.0%	24.3%
Middle Tennessee State University	72.6%	16.4%	8.9%
Tennessee State University	88.6%	4.6%	0.0%
Tennessee Technological University	68.9%	14.4%	13.3%
University of Tennessee, Chattanooga	68.9%	31.1%	0.0%
University of Tennessee, Knoxville	64.5%	10.9%	24.6%
University of Tennessee, Martin	82.6%	15.8%	1.6%
Two-Year Institutions:			
Chattanooga State Technical Community College	59.7%	35.1%	
Cleveland State Community College	69.8%	26.4%	
Columbia State Community College	75.5%	19.8%	
Dyersburg State Community College	61.5%	28.2%	
Jackson State Community College	71.9%	27.6%	
Motlow State Community College	57.9%	37.1%	
Northeast State Technical Community College	52.6%	46.1%	
Nashville State Technical Institute	56.9%	35.8%	
Pellissippi State Technical Community College	50.2%	48.8%	
Roane State Community College	75.0%	21.9%	
Shelby State Community College	55.9%	42.9%	
State Technical Institute at Memphis	53.4%	39.5%	
Volunteer State Community College	57.8%	41.4%	
Walters State Community College	76.0%	21.1%	

Appendix S

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JOB PLACEMENT RATES

Two-Year Institutions

Institution	Graduates	% Placed
CSTCC	429	91.42%
CLSCC	139	89.06%
COSCC	194	96.76%
DSCC	49	90.48%
JSCC	127	83.04%
MSCC	67	90.91%
NSTCC	200	86.63%
NSTI	323	75.90%
PSTCC	240	87.50%
RSCC	273	92.46%
SSCC	176	94.27%
STIM	540	85.43%
VSCC	92	92.59%
WSCC	248	94.27%
Totals	3,096	88.50%

Area Vocational/Technical Schools

AVTS	Graduates	% Placed
Athens	96	80.2%
Chattanooga	381	94.0%
Covington	127	82.1%
Crossville	118	88.0%
Dickson	113	89.0%
Elizabethton	206	84.2%
Harriman	117	89.9%
Hartsville	78	74.3%
Hohenwald	94	65.4%
Jacksboro	156	85.2%
Jackson	231	97.1%
Knoxville	472	86.8%
Livingston	155	84.5%
McKenzie	86	70.3%
McMinnville	175	78.4%
Memphis	699	81.9%
Morristown	283	77.2%
Murfreesboro	40	76.9%
Nashville	374	80.4%
Newbern	125	75.2%
Oneida	85	73.8%
Paris	178	94.7%
Pulaski	99	88.8%
Ripley	51	81.3%
Savannah	137	73.5%
Shelbyville	161	84.8%
Whiteville	102	79.3%
Totals	4,939	83.6%

ALUMNI SURVEY

Pages 3 and 4 of this appendix are details of institutional scores on each item on the 1992 Alumni Survey. This survey is administered each two years to alumni who graduated two years previously. The numbers which appear in each cell of the table are the deviations from the state-wide average on the question whose number is found in the far left column of the table. Numbers in parentheses in the tables are scores which vary negatively from the state norms. Below are the questions to which the tables refer (questionnaires use the name of each institution; for the purposes of this listing of questions the institution will be referred to as Generic State College or GSC):

1. As you look back, how satisfied were you at the time you graduated with the educational experience you had at Generic State College? ***(1-Very Dissatisfied to 4-Very Satisfied)***

2. Now, how satisfied are you with the educational experience you had at GSC? ***(1:Very Dissatisfied to 4:Very Satisfied)***

3. Now, how do you rate the following aspects of your GSC experience? ***(1:Poor to 4:Excellent)***

    a. Your academic experience
    b. Your social experience
    c. Your cultural experience
    d. Your overall experience

4. (Not scored)

5. Since graduating from GSC, how many times would you say you have... ***(1:Never to 4:More than Three times)***

    a. Gone to meeting of, or contributed money to organizations promoting social/political points of view
    b. Gone to meeting of, or contributed money to civic organizations
    c. Gone to meeting of, or contributed money to a professional organization
    d. Volunteered for community service
    e. Gone to a play or a musical
    f. Read a book for pleasure
    g. Gone to a popular music concert
    h. Gone to a classical concert (band, orchestra, opera)

6. Since graduating from GSC, have you voted in an election for a public official at the local, state, or national level? ***(1:No or 2:Yes)***

7. While you were at GSC, with how may faculty members did you develop a close relationship (such that you felt you could ask them for a letter of recommendation)? ***(0:None to 3:Three or more)***

8. While you were at GSC, with how many students did you develop a close friendship? ***(0:None to 3:Three or more)***

9. Now, how many close friendships do you maintain with people you met while you were a student at GSC? ***(0:None to 3:Three or more)***

10. If you could start college again, would you enroll at GSC? ***(1:Definitely Not to 4:Definitely Yes)***

11. In answering the questions in this section, please think of your overall experience at GSC, and any effect it may have had on each item. Please indicate the degree to which your education at GSC added to your skills in each of the following areas. ***(1:Very Little to 3:Very Much)***

a. Practical skills necessary to obtain employment in your job
b. Getting along with people of different races and ethnic groups
c. Ability to grow and learn as a person
d. Ability to lead or guide others
e. Ability to adjust to new job demands
f. Self-confidence in expressing your ideas
g. Appreciation of different cultures
h. Planning and carrying out projects
i. Speaking effectively
j. Writing effectively
k. Understanding written information
l. Understanding graphic information
m. Learning on your own
n. Defining and solving problems
o. Working cooperatively in a group
p. Ability to understand mathematical concepts
q. Understanding the interaction between people and the environment
r. Understanding and appreciating the arts
s. Understanding and applying scientific principles and methods
t. Understanding different philosophies and cultures
u. Ability to use mathematics in everyday life

12. How would you rate the quality of each of these areas? ***(1:Poor to 4:Excellent)***

a. Availability of your adviser
b. Willingness of your adviser to help
c. Quality of courses for providing a good general education
d. Quality of courses for preparing for employment
e. Fairness of grading in the major
f. Quality of instruction in the major
g. Opportunities for interaction with faculty in the major
h. Availability of professional activities or clubs in the major
i. Quality of courses in the major in preparing for graduate or professional school
j. Availability of faculty to help students outside of class
k. Availability of faculty to talk informally
l. Expertise of faculty in the major

13. If you could choose your major over again, would you choose the same major? ***(1:Definitely Not to 4:Definitely Yes)***

ALUMNI SURVEY - UNIVERSITITES

Question	APSU		ETSU		MSU		MTSU		TSU		TTU		UTC		UTK		UTM	
	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff
1	3.33	0.23	3.15	0.05	3.17	0.07	3.22	0.12	3.07	(0.03)	3.29	0.19	3.18	0.08	3.15	0.05	3.25	0.15
2	3.21	0.11	3.04	(0.06)	3.08	(0.02)	3.10	0.00	3.01	(0.09)	3.24	0.14	3.10	0.00	3.06	(0.04)	3.13	0.03
03A	3.13	0.12	2.95	(0.06)	3.01	0.00	3.02	0.01	2.97	(0.04)	3.18	0.17	3.01	0.00	2.90	(0.11)	3.13	0.12
03B	2.85	(0.04)	2.84	(0.05)	2.73	(0.16)	2.93	0.04	2.79	(0.10)	2.92	0.03	2.68	(0.21)	3.02	0.13	3.08	0.19
03C	2.59	0.05	2.51	(0.03)	2.49	(0.05)	2.56	0.02	2.67	0.13	2.40	(0.14)	2.44	(0.10)	2.62	0.08	2.62	0.08
03D	3.04	0.06	2.98	0.00	2.93	(0.05)	3.03	0.05	2.86	(0.12)	3.05	0.07	2.87	(0.11)	3.00	0.02	3.10	0.12
05A	51.60	(0.10)	55.80	(4.30)	47.10	4.40	50.70	0.80	44.30	7.20	55.80	(4.30)	59.40	(7.90)	50.40	1.10	52.20	(0.70)
05B	42.20	0.50	43.70	(1.00)	39.20	3.50	41.90	0.80	33.90	8.80	42.50	0.20	44.00	(1.30)	46.00	(3.30)	45.70	(3.00)
05C	31.20	6.30	41.70	(4.20)	34.40	3.10	39.10	(1.60)	25.70	11.80	34.40	3.10	44.30	(6.80)	40.20	(2.70)	38.50	(1.00)
05D	36.80	2.30	41.30	(2.20)	38.00	1.10	39.10	0.00	30.00	9.10	40.80	(1.70)	38.90	0.20	41.70	(2.60)	35.10	4.00
05E	32.30	(3.00)	40.80	(11.50)	24.20	5.10	33.60	(4.30)	20.00	9.30	35.70	(6.40)	30.60	(1.30)	23.60	5.70	35.10	(5.80)
05F	9.80	(1.60)	10.10	(1.90)	6.00	2.20	9.40	(1.20)	7.80	0.40	11.20	(3.00)	10.60	(2.40)	6.90	1.30	6.50	1.70
05G	36.30	(10.00)	35.50	(9.20)	21.90	4.40	23.80	2.50	30.00	(3.70)	32.30	(6.00)	27.10	(0.80)	21.60	4.70	26.50	(0.20)
05H	53.40	(1.80)	62.20	(10.60)	45.20	6.40	54.50	(2.90)	48.30	3.30	63.20	(11.60)	48.30	3.30	45.10	6.50	61.20	(9.60)
6	1.67	(0.01)	1.67	(0.01)	1.78	0.10	1.62	(0.06)	1.73	0.05	1.58	(0.10)	1.68	0.00	1.64	(0.04)	1.73	0.05
7	2.47	0.18	2.29	0.00	2.04	(0.25)	2.32	0.03	2.53	0.24	2.38	0.09	2.24	(0.05)	2.29	0.00	2.54	0.25
8	2.75	0.00	2.74	(0.01)	2.56	(0.19)	2.73	(0.02)	2.56	(0.19)	2.88	0.13	2.61	(0.14)	2.89	0.14	2.89	0.14
9	1.95	(0.22)	1.99	(0.18)	1.86	(0.31)	1.99	(0.18)	2.07	(0.10)	2.39	0.22	1.80	(0.37)	2.57	0.40	2.53	0.36
10	13.60	6.10	17.80	1.90	25.70	(6.00)	18.00	1.70	43.90	(24.20)	12.60	7.10	24.30	(4.60)	16.30	3.40	15.90	3.80
11A	55.70	10.00	40.30	(5.40)	44.30	(1.40)	45.90	0.20	45.20	(0.50)	56.50	10.80	38.30	(7.40)	42.60	(3.10)	51.00	5.30
11B	26.80	(7.10)	30.00	(3.90)	34.40	0.50	36.30	2.40	37.80	3.90	32.30	(1.60)	30.60	(3.30)	35.00	1.10	39.40	5.50
11C	54.60	(3.40)	56.40	(1.60)	53.40	(4.60)	58.70	0.70	51.70	(6.30)	62.50	4.50	56.60	(1.40)	61.60	3.60	60.60	2.60
11D	44.60	11.10	41.20	9.70	42.40	10.90	47.50	16.00	43.50	10.00	45.80	12.30	40.90	7.40	44.90	13.40	45.70	12.20
11E	42.70	(1.50)	41.70	(2.50)	42.30	(1.90)	42.20	(2.00)	47.80	3.60	52.10	7.90	35.40	(8.80)	45.10	0.90	48.40	4.20
11F	48.00	(0.70)	46.90	(1.80)	50.80	2.10	47.50	(1.20)	47.40	(1.30)	51.90	3.20	46.60	(2.10)	47.40	(1.30)	51.40	2.70
11G	22.90	(8.60)	28.00	(3.50)	32.70	1.20	30.90	(0.60)	40.40	8.90	27.20	(4.30)	29.70	(1.80)	35.10	3.60	30.80	(0.70)
11H	53.00	9.90	54.10	12.90	54.40	13.20	59.40	18.20	43.90	0.80	62.60	19.50	50.90	7.80	56.00	14.80	54.70	11.60
11I	42.30	8.90	38.30	5.90	46.60	14.20	40.00	7.60	40.00	6.60	46.60	13.20	34.30	0.90	40.00	7.60	49.10	15.70
11J	47.90	12.10	45.00	6.70	52.40	14.10	47.40	9.10	46.10	10.30	57.80	22.00	50.60	14.80	49.70	11.40	51.20	15.40
11K	52.30	11.60	51.80	11.10	55.20	14.50	52.20	11.50	47.40	6.70	65.20	24.50	48.00	7.30	54.50	13.80	57.30	16.60
11L	37.60	15.40	33.60	11.10	41.00	18.50	34.10	11.60	34.30	12.10	50.90	28.70	34.90	12.70	40.50	18.00	42.90	20.70
11M	56.60	4.40	58.10	8.90	62.10	12.90	61.80	12.60	60.00	7.80	70.00	17.80	57.10	4.90	62.80	13.60	68.20	16.00
11N	50.50	8.00	47.90	5.30	54.20	11.60	51.40	8.80	49.60	7.10	66.00	23.50	50.00	7.50	52.70	10.10	53.60	11.10
11O	53.80	15.60	54.70	16.60	54.30	16.20	57.20	19.10	52.20	14.00	66.00	27.80	51.40	13.20	60.00	21.90	62.30	24.10
11P	34.10	0.60	27.10	(6.40)	32.40	(1.10)	33.50	0.00	31.30	(2.20)	48.70	15.20	39.10	5.60	28.90	(4.60)	33.60	0.10
11Q	38.50	12.40	36.50	11.50	34.50	9.50	36.80	11.80	40.00	13.90	33.00	6.90	35.10	9.00	37.30	12.30	42.20	16.10
11R	34.10	9.00	18.10	(3.00)	25.40	4.30	24.60	3.50	24.30	(0.80)	16.20	(8.90)	27.40	2.30	23.20	2.10	15.20	(9.90)
11S	32.60	3.00	26.10	(4.80)	28.80	(2.10)	25.70	(5.20)	32.60	3.00	44.20	14.60	30.30	0.70	28.40	(2.50)	26.00	(3.60)
11T	24.00	(7.70)	21.00	(6.50)	24.90	(2.60)	22.00	(5.50)	34.80	3.10	16.60	(15.10)	25.10	(6.60)	26.60	(0.90)	24.90	(6.80)
11U	34.80	14.80	24.90	7.20	29.30	11.60	28.60	10.90	30.00	10.00	44.30	24.30	32.60	12.60	29.70	12.00	28.80	8.80
12A	3.27	0.33	2.93	(0.01)	2.76	(0.18)	3.01	0.07	3.07	0.13	3.06	0.12	3.05	0.11	2.77	(0.17)	3.38	0.44
12B	3.38	0.29	3.03	(0.06)	2.90	(0.19)	3.18	0.09	3.21	0.12	3.26	0.17	3.20	0.11	2.93	(0.16)	3.47	0.38
12C	3.29	0.11	3.13	(0.05)	3.13	(0.05)	3.18	0.00	3.11	(0.07)	3.35	0.17	3.12	(0.06)	3.12	(0.06)	3.32	0.14
12D	3.04	0.24	2.75	(0.05)	2.79	(0.01)	2.74	(0.06)	2.88	0.08	2.95	0.15	2.78	(0.02)	2.71	(0.09)	2.92	0.12
12E	3.33	0.16	3.17	0.00	3.15	(0.02)	3.21	0.04	3.16	(0.01)	3.17	0.00	3.25	0.08	3.08	(0.09)	3.26	0.09
12F	3.34	0.13	3.16	(0.05)	3.15	(0.06)	3.20	(0.01)	3.08	(0.13)	3.25	0.04	3.24	0.03	3.21	0.00	3.29	0.08
12G	3.36	0.31	3.07	0.02	2.97	(0.08)	3.04	(0.01)	3.15	0.10	3.11	0.06	3.11	0.06	2.93	(0.12)	3.34	0.29
12H	2.92	0.12	2.72	(0.08)	2.75	(0.05)	2.87	0.07	2.58	(0.22)	2.99	0.19	2.72	(0.08)	2.75	(0.05)	2.86	0.06
12I	3.13	0.18	2.86	(0.09)	2.91	(0.04)	2.98	0.03	2.88	(0.07)	3.05	0.10	2.92	(0.03)	2.91	(0.04)	2.98	0.03
12J	3.22	0.28	2.96	0.02	2.75	(0.19)	3.03	0.09	2.92	(0.02)	2.98	0.04	3.04	0.10	2.86	(0.08)	3.21	0.27
12K	3.29	0.28	3.01	0.00	2.88	(0.13)	3.10	0.09	2.97	(0.04)	3.04	0.03	3.11	0.10	2.89	(0.12)	3.33	0.32
12L	3.54	0.17	3.35	(0.02)	3.27	(0.10)	3.36	(0.01)	3.19	(0.18)	3.46	0.09	3.40	0.03	3.39	0.02	3.47	0.10
13	3.18	0.18	2.93	(0.07)	3.01	0.01	2.94	(0.06)	3.25	0.25	3.17	0.17	3.01	0.01	2.86	(0.14)	3.07	0.07

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ALUMNI SURVEY - TWO-YEAR INSTITUTIONS

Quest	CLSCC		COSCC		CSTCC		DSCC		JSCC		MSCC		NSTCC		NSTI		PSTCC		RSCC		SSCC		STIM		VSCC		WSCC	
	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff	Score	Diff
1	3.32	(0.04)	3.36	0.00	3.30	(0.06)	3.49	0.13	3.34	(0.02)	3.35	(0.01)	3.31	(0.05)	3.44	0.08	3.38	0.02	3.46	0.10	3.25	(0.11)	3.37	0.01	3.42	0.06	3.35	(0.01)
2	3.35	0.06	3.37	0.08	3.30	0.01	3.47	0.18	3.28	(0.01)	3.30	0.01	3.18	(0.11)	3.29	0.00	3.26	(0.03)	3.44	0.15	3.27	(0.02)	3.15	(0.14)	3.34	0.05	3.30	0.01
03A	3.28	0.02	3.31	0.05	3.24	(0.02)	3.42	0.16	3.20	(0.06)	3.20	(0.06)	3.23	(0.03)	3.27	0.01	3.23	(0.03)	3.25	(0.01)	3.12	(0.14)	3.25	(0.01)	3.36	0.10	3.33	0.07
03B	2.82	(0.01)	2.97	0.14	2.63	(0.20)	2.87	0.04	2.78	(0.05)	2.90	0.07	2.97	0.14	2.94	0.11	2.88	0.05	2.90	0.07	2.61	(0.22)	2.64	(0.19)	3.09	0.26	2.90	0.07
03C	2.61	0.00	2.81	0.20	2.55	(0.06)	2.49	(0.12)	2.60	(0.01)	2.78	0.17	2.70	0.09	2.60	(0.01)	2.41	(0.20)	2.60	(0.01)	2.43	(0.18)	2.47	(0.14)	2.74	0.13	2.73	0.12
03D	3.08	(0.03)	3.23	0.12	3.04	(0.07)	3.04	(0.07)	3.09	(0.02)	3.15	0.04	3.05	(0.06)	3.15	0.04	3.09	(0.02)	3.10	(0.01)	2.90	(0.21)	3.03	(0.08)	3.23	0.12	3.24	0.13
05A	59.60	(1.30)	51.70	6.60	63.20	(4.90)	41.50	16.80	61.00	(2.70)	55.70	2.60	64.60	(6.30)	63.80	(5.50)	63.20	(4.90)	62.00	(3.70)	41.30	17.00	60.00	(1.70)	58.30	0.00	65.80	(7.50)
05B	45.50	4.00	38.80	10.70	50.40	(0.90)	45.30	4.20	48.10	1.40	45.80	3.70	46.20	3.30	54.30	(4.80)	53.70	(4.20)	50.60	(1.10)	41.80	7.70	55.80	(6.30)	52.10	(2.60)	58.60	(9.10)
05C	49.50	(2.80)	33.30	13.40	51.80	(5.10)	24.50	22.20	44.30	2.40	49.60	(2.90)	60.00	(13.30)	53.20	(6.50)	55.30	(8.60)	44.30	2.40	33.60	13.10	55.60	(8.90)	43.70	3.00	45.70	1.00
05D	55.00	(7.70)	34.70	12.60	38.10	9.20	37.70	9.60	46.20	1.10	39.20	8.10	56.90	(9.60)	55.90	(8.60)	52.60	(5.30)	41.60	5.70	46.70	0.60	54.50	(7.20)	57.90	(10.60)	45.40	1.90
05E	45.50	(2.30)	32.20	11.00	39.10	4.10	56.60	(13.40)	46.20	(3.00)	39.20	4.00	63.10	(19.90)	41.90	1.30	47.40	(4.20)	40.80	2.40	30.30	12.90	48.00	(4.80)	42.70	0.50	46.40	(3.20)
05F	17.30	(5.10)	15.30	(3.10)	11.30	0.90	5.70	6.50	19.00	(6.80)	9.20	3.00	18.50	(6.30)	8.50	3.70	14.70	(2.50)	3.80	8.40	8.20	4.00	13.10	(0.90)	9.40	2.80	12.20	0.00
05G	41.80	(3.80)	33.80	4.20	37.70	0.30	34.00	4.00	32.40	5.60	46.20	(8.20)	43.10	(5.10)	30.10	7.90	41.90	(3.90)	39.70	(1.70)	45.10	(7.10)	33.80	4.20	38.50	(0.50)	37.10	0.90
05H	64.50	1.60	53.40	12.70	67.80	(1.70)	64.20	1.90	66.70	(0.60)	72.50	(6.40)	78.50	(12.40)	64.50	1.60	62.10	4.00	67.10	(1.00)	65.60	0.50	64.60	1.50	67.70	(1.60)	71.70	(5.60)
6	1.65	(0.07)	1.76	0.04	1.66	(0.06)	1.77	0.05	1.81	0.09	1.70	(0.02)	1.55	(0.17)	1.63	(0.09)	1.45	(0.27)	1.71	(0.01)	1.89	0.17	1.78	0.06	1.74	0.02	1.69	(0.03)
7	2.17	(0.11)	2.28	0.00	2.29	0.01	2.49	0.21	2.12	(0.16)	2.27	(0.01)	2.61	0.33	2.30	0.02	2.46	0.18	2.15	(0.13)	2.26	(0.02)	2.13	(0.15)	2.29	0.01	2.31	0.03
8	2.56	0.02	2.69	0.15	2.15	(0.39)	2.81	0.27	2.63	0.09	2.65	0.11	2.89	0.35	2.71	0.17	2.37	(0.17)	2.57	0.03	2.53	(0.01)	2.28	(0.26)	2.66	0.12	2.64	0.10
9	1.52	(0.16)	2.12	0.44	1.41	(0.27)	1.85	0.17	1.71	0.03	1.82	0.14	2.32	0.64	1.49	(0.19)	1.36	(0.32)	2.30	0.62	1.72	0.04	1.23	(0.45)	1.65	(0.03)	1.83	0.15
10	14.70	(2.40)	12.40	(0.10)	10.30	2.00	7.50	4.80	13.20	(0.90)	6.10	6.20	15.40	(3.10)	19.10	(6.80)	8.60	3.70	7.70	4.60	15.70	(3.40)	15.40	(3.10)	14.60	(2.30)	8.60	3.70
11A	53.20	(3.80)	60.30	3.30	55.70	(1.30)	52.80	(4.20)	41.00	(16.00)	48.90	(8.10)	53.80	(3.20)	69.90	12.90	67.70	10.70	59.50	2.50	68.40	9.40	48.00	(9.00)	60.40	3.40	65.80	8.80
11B	26.40	(3.60)	35.90	5.90	22.60	(7.40)	32.10	2.10	32.40	2.40	29.80	(0.20)	33.80	3.80	23.40	(6.60)	18.70	(11.30)	32.90	2.90	43.90	13.90	26.40	(3.60)	30.20	0.20	32.20	2.20
11C	58.20	(1.00)	64.40	5.20	49.10	(10.10)	71.70	12.50	58.50	(0.70)	64.10	4.90	56.90	(2.30)	56.40	(2.80)	53.10	(6.10)	58.20	(1.00)	63.40	4.20	53.30	(5.90)	58.30	(0.90)	67.10	7.90
11D	43.10	1.40	47.30	5.60	36.20	(5.50)	52.80	11.10	35.80	(5.90)	46.20	4.50	38.50	(3.20)	34.00	(7.70)	37.50	(4.20)	40.50	(1.20)	48.80	7.10	31.00	(10.70)	52.10	10.40	48.70	7.00
11E	53.20	3.90	52.70	3.40	40.90	(8.40)	62.30	13.00	41.50	(7.80)	48.10	(1.20)	58.50	9.20	52.10	2.80	47.90	(1.40)	50.00	0.70	46.70	(2.60)	42.70	(6.60)	51.00	1.70	57.20	7.90
11F	54.10	3.40	50.70	0.00	48.70	(2.00)	66.00	15.30	43.80	(6.90)	58.00	7.30	56.90	6.20	39.40	(11.30)	47.90	(2.80)	44.30	(6.40)	46.30	(4.40)	44.90	(5.80)	54.20	3.50	62.50	11.80
11G	22.70	(2.50)	30.80	5.60	25.20	0.00	35.80	10.60	25.70	0.50	32.80	7.60	26.20	1.00	17.00	(8.20)	18.70	(6.50)	25.30	0.10	27.00	1.80	18.90	(6.30)	25.00	(0.20)	27.60	2.40
11H	50.00	1.80	52.70	4.50	31.90	(16.30)	47.20	(1.00)	39.60	(8.60)	49.60	1.40	52.30	4.10	56.40	8.20	55.20	7.00	43.60	(4.60)	50.00	1.80	42.40	(5.80)	56.20	8.00	53.30	5.10
11I	50.90	6.40	43.80	(0.70)	25.00	(19.50)	49.10	4.60	38.70	(5.80)	53.40	8.90	50.80	6.30	50.00	5.50	46.90	2.40	46.80	2.30	40.70	(3.80)	40.20	(4.30)	46.40	1.90	49.30	4.80
11J	50.00	2.20	49.00	1.20	39.70	(8.10)	50.90	3.10	45.30	(2.50)	55.00	7.20	43.10	(4.70)	46.80	(1.00)	47.90	0.10	53.20	5.40	43.10	(4.70)	43.30	(4.50)	50.50	2.70	53.90	6.10
11K	51.80	0.50	52.10	0.80	39.10	(12.20)	69.80	18.50	50.90	(0.40)	55.70	4.40	55.40	4.10	52.10	0.80	44.80	(6.50)	55.70	4.40	52.80	1.50	45.50	(5.80)	55.70	4.40	53.00	1.70
11L	40.00	1.90	45.90	7.80	29.30	(8.80)	47.20	9.10	31.10	(7.00)	43.50	5.40	49.20	11.10	39.80	1.70	43.70	5.60	29.50	(8.60)	32.50	(5.60)	36.60	(1.50)	38.10	0.00	35.10	(3.00)
11M	60.90	(0.80)	68.50	6.80	51.70	(10.00)	69.80	8.10	58.50	(3.20)	61.80	0.10	63.10	1.40	66.00	4.30	60.40	(1.30)	59.50	(2.20)	60.20	(1.50)	57.10	(4.60)	69.10	7.40	65.10	3.40
11N	60.90	5.80	58.90	3.80	47.40	(7.70)	75.50	20.40	47.20	(7.90)	50.40	(4.70)	60.00	4.90	60.60	5.50	57.30	2.20	58.20	3.10	49.60	(5.50)	50.70	(4.40)	56.70	1.60	56.70	1.60
11O	58.20	5.90	55.90	3.60	45.20	(7.10)	62.30	10.00	50.90	(1.40)	56.50	4.20	55.40	3.10	50.00	(2.30)	49.00	(3.30)	57.00	4.70	48.80	(3.50)	42.00	(10.30)	57.70	5.40	57.90	5.60
11P	44.00	(1.70)	48.60	2.90	50.40	4.70	60.40	14.70	21.70	(24.00)	51.10	5.40	56.90	11.20	50.00	4.30	51.00	5.30	35.40	(10.30)	39.00	(6.70)	49.10	3.40	40.20	(5.50)	45.40	(0.30)
11Q	32.70	(2.80)	37.70	2.20	34.80	(0.70)	58.50	23.00	35.80	0.30	42.70	7.20	35.40	(0.10)	25.50	(10.00)	30.20	(5.30)	35.40	(0.10)	39.80	4.30	21.40	(14.10)	39.20	3.70	46.10	10.60
11R	12.70	(4.50)	22.10	4.90	16.50	(0.70)	17.00	(0.20)	21.70	4.50	26.70	9.50	7.70	(9.50)	6.40	(10.80)	10.40	(6.80)	13.90	(3.50)	29.30	12.10	6.70	(10.50)	21.60	4.40	24.30	7.10
11S	34.90	(0.80)	42.80	7.10	39.70	4.00	52.80	17.10	23.60	(12.10)	36.60	0.90	35.40	(0.30)	41.50	5.80	32.60	(3.10)	26.60	(9.10)	45.50	9.80	30.00	(5.70)	33.00	(2.70)	33.60	(2.10)
11T	15.50	(3.30)	18.50	(0.30)	16.50	(2.30)	32.10	13.30	17.90	(0.90)	31.30	12.50	23.10	4.30	6.40	(12.40)	13.70	(5.10)	17.70	(1.10)	25.20	6.40	9.00	(9.80)	20.60	1.80	25.70	6.90
11U	48.60	5.40	44.10	0.90	40.50	(2.70)	56.60	13.40	29.20	(14.00)	48.10	4.90	56.90	13.70	43.60	0.40	41.10	(2.10)	40.50	(2.70)	41.50	(1.70)	39.70	(3.50)	41.20	(2.00)	46.10	2.90
12A	3.18	(0.07)	3.26	0.01	3.20	(0.05)	3.45	0.20	3.35	0.10	3.15	(0.10)	3.14	(0.11)	3.25	0.00	3.24	(0.01)	3.40	0.15	3.11	(0.14)	3.13	(0.12)	3.38	0.13	3.40	0.15
12B	3.32	(0.05)	3.36	(0.01)	3.29	(0.08)	3.68	0.31	3.40	0.03	3.31	(0.06)	3.25	(0.12)	3.36	(0.01)	3.41	0.04	3.48	0.11	3.19	(0.18)	3.29	(0.08)	3.48	0.11	3.48	0.11
12C	3.49	0.14	3.36	0.01	3.29	(0.06)	3.43	0.08	3.30	(0.05)	3.34	(0.01)	3.19	(0.16)	3.28	(0.07)	3.40	0.05	3.47	0.12	3.28	(0.07)	3.32	(0.03)	3.43	0.08	3.45	0.10
12D	3.19	0.04	3.14	(0.01)	3.17	0.02	3.17	0.02	2.96	(0.19)	3.05	(0.10)	2.94	(0.21)	3.30	0.15	3.21	0.06	3.26	0.11	3.21	0.06	3.07	(0.08)	3.12	(0.03)	3.35	0.20
12E	3.27	(0.12)	3.37	(0.02)	3.36	(0.03)	3.38	(0.01)	3.39	0.00	3.40	0.01	3.43	0.04	3.44	0.05	3.37	(0.02)	3.49	0.10	3.11	(0.28)	3.40	0.01	3.54	0.15	3.48	0.09
12F	3.47	0.07	3.38	(0.02)	3.36	(0.04)	3.55	0.15	3.33	(0.07)	3.37	(0.03)	3.26	(0.14)	3.47	0.07	3.37	(0.03)	3.51	0.11	3.32	(0.08)	3.36	(0.04)	3.45	0.05	3.51	0.11
12G	3.22	(0.04)	3.23	(0.03)	3.25	(0.01)	3.58	0.32	3.15	(0.11)	3.25	(0.01)	3.28	0.02	3.31	0.05	3.38	0.12	3.23	(0.03)	3.11	(0.15)	3.15	(0.11)	3.40	0.14	3.40	0.14
12H	2.56	0.06	2.54	0.04	2.78	0.28	2.70	0.20	2.48	(0.02)	2.48	(0.02)	2.53	0.03	2.31	(0.19)	2.67	0.17	2.07	(0.43)	2.41	(0.09)	2.43	(0.07)	2.49	(0.01)	2.65	0.15
12I	2.99	(0.04)	3.04	0.01	3.16	0.13	3.23	0.20	2.88	(0.15)	3.09	0.06	2.91	(0.12)	2.98	(0.05)	2.93	(0.10)	3.01	(0.02)	3.09	0.06	2.88	(0.15)	3.04	0.01	3.22	0.19
12J	3.09	(0.02)	2.99	(0.12)	3.00	(0.11)	3.47	0.36	3.14	0.03	3.25	0.14	2.98	(0.13)	3.22	0.11	3.20	0.09	3.32	0.21	2.68	(0.43)	2.96	(0.15)	3.31	0.20	3.29	0.18
12K	3.24	0.00	3.21	(0.03)	3.23	(0.01)	3.49	0.25	3.18	(0.06)	3.23	(0.01)	3.25	0.01	3.38	0.14	3.33	0.09	3.39	0.15	2.82	(0.42)	3.17	(0.07)	3.42	0.18	3.36	0.12
12L	3.49	0.00	3.45	(0.04)	3.46	(0.03)	3.58	0.09	3.37	(0.12)	3.45	(0.04)	3.49	0.00	3.58	0.09	3.49	0.00	3.54	0.05	3.52	0.03	3.44	(0.05)	3.53	0.04	3.54	0.05
13	3.21	0.03	3.37	0.19	3.10	(0.08)	3.36	0.18	3.22	0.04	3.09	(0.09)	3.13	(0.05)	3.27	0.09	3.09	(0.09)	3.20	0.02	3.39	0.21	2.99	(0.19)	3.09	(0.09)	3.24	0.06

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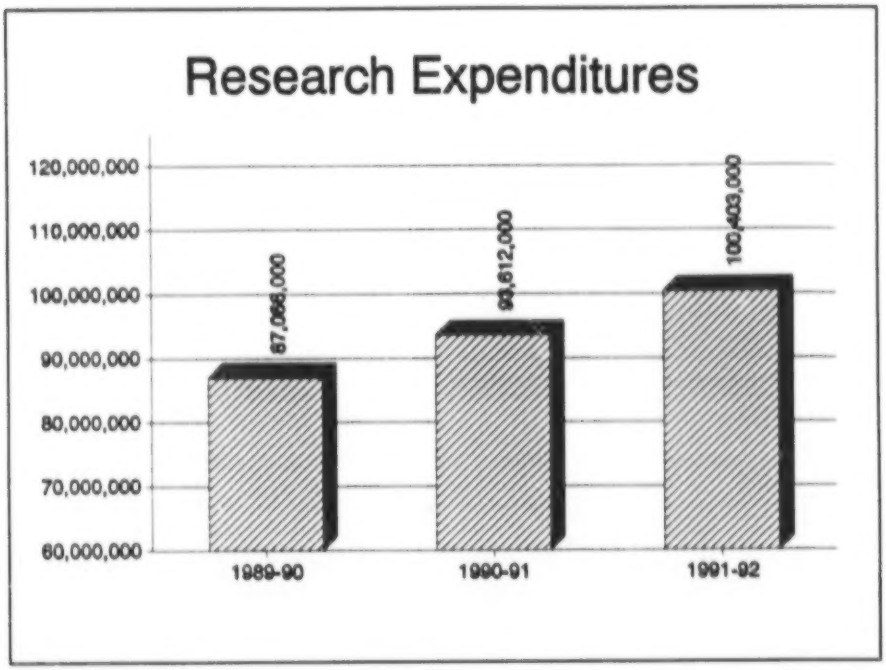
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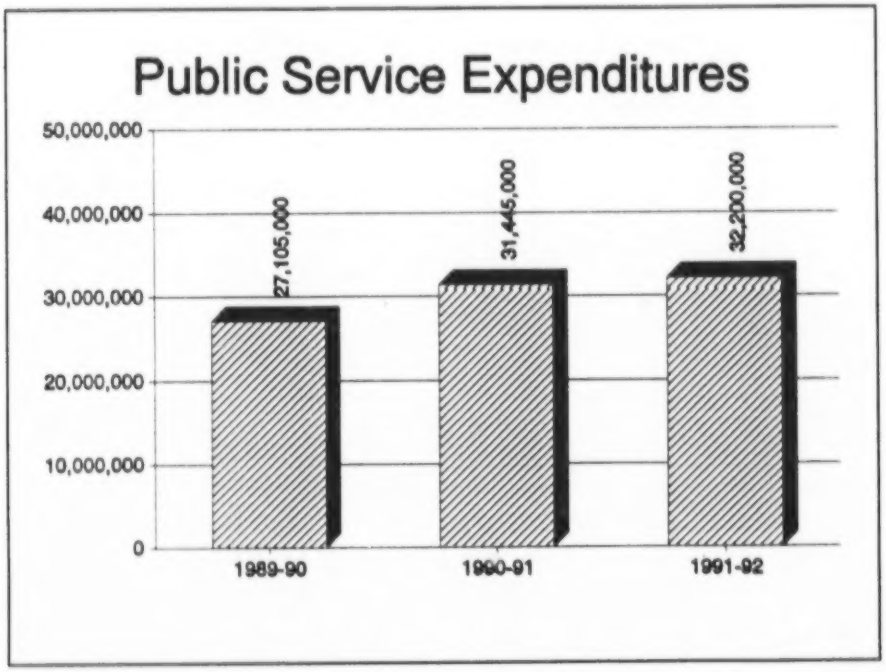
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Appendix V